

No. 1.

6 1/2 x 3 1/2 = 21 1/4
 6 x 3 1/2 = 27 1/2

3 8

5

11 30
4 10

10 2 2

4 2 6

1 9 11 8

1 5 11 0

2 2 5 2 2

11 0 8

4 5

1 8 0

7 2 8

4 4

1 0 5

4 5

0 8 8

2 1 0

1 2 0

3 7 7

4 0 4

1 6 7

0 9 8

1 8 5

4 1

3 0 0

0 5 11

4 0 5

1 0 10

2 2 5 0

0 5 7

11 6 6

1 8 0

3 7 2

8 1 1

2 6 8

6 1

0 2 0

6 4 1

2 0 0

1 8

4 4

4 4

1 6

1 4 8

9 3 1

8

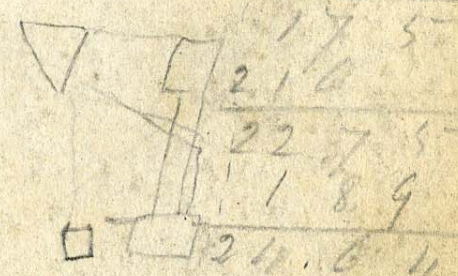
$$\begin{array}{r} 6 \\ 3 \end{array}$$

$$\begin{array}{r} 19 \\ 3 \end{array}$$

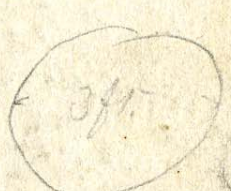
$$\begin{array}{r} 23 \\ 2 \end{array}$$

$$\begin{array}{r} 175 \\ 674 \end{array}$$

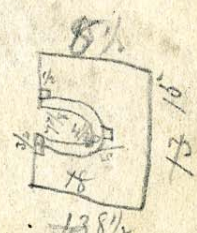
$$\begin{array}{r} 175 \\ 210 \\ 2275 \\ 189 \\ 2464 \end{array}$$



$$\begin{array}{r} 11.85 \\ 1.51 \\ 101.2 \end{array}$$



$$\begin{array}{r} 22.2 \\ 7.6 \\ 26.8 \end{array}$$



$$\begin{array}{r} 11.624 \\ 10.487 \\ 1.281 \\ 2.582 \\ 2.613-87 \\ 8.25 \end{array}$$

$$\begin{array}{r} 2.10 \\ 1.51 \\ 4.47 \\ 1.891 \\ 1.51 \\ 1.51 \\ 1.51 \end{array}$$

$$\begin{array}{r} 1.5888 \\ 0.08 \\ 2.38 \\ 8.88 \end{array}$$

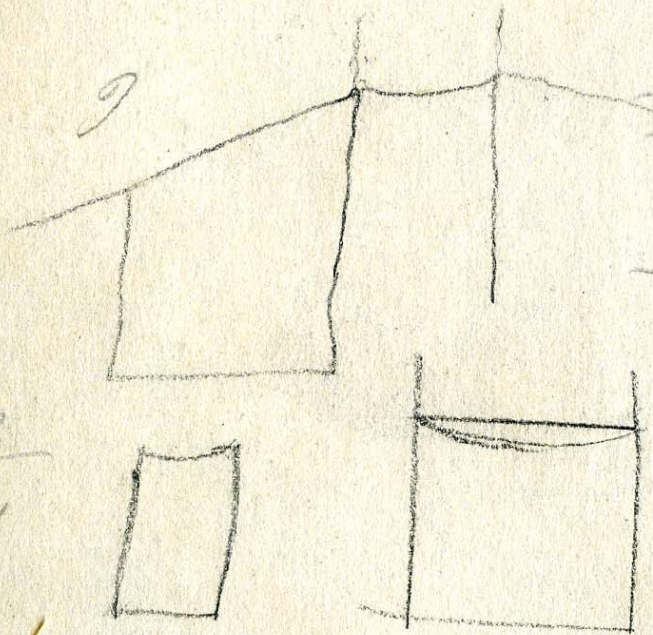
$$\begin{array}{r} 2.25 \\ 2.25 \\ \hline 4.50 \end{array}$$

$$\begin{array}{r} 15.17 \\ 14.83 \\ \hline 2.241 \end{array}$$

$$\begin{array}{r} 16.5 \\ 17. \\ \hline 16.33 \end{array}$$

$$\begin{array}{r} 11. \\ 16.33 \\ \hline 31.33 \end{array}$$

$$\begin{array}{r} 41.62 \\ 13.187 \\ 27.75 \\ \hline 20.5 \\ 4.25 \\ \hline 4.09 \\ 8.34 \end{array}$$



$$\begin{array}{r} 16.35 \\ 28.5 \\ \hline \end{array}$$

$$\begin{array}{r} 7.77 \\ 8.94 \\ \hline 3.7 \end{array}$$

$$\begin{array}{r} 2.71 \\ 7.26 \\ 9.97 \\ \hline \end{array}$$



$$\begin{array}{r} 16.6 \\ 16 \\ 3.9 \\ 2.9 \\ \hline \end{array}$$

$$\begin{array}{r} 16.34 \\ 8.34 \\ \hline 24.68 \end{array}$$

1.71
1.33
38

7.8
39.0
117
2148.4

1729
117
12096
1728
1728

20217.3 C. in / 94.
19335-6

88210
85936
22640

Handwritten text, possibly a title or description, written upside down.

1.87
1.87
8.98

1.95
6.5

1.25
1.50
2.15



1.3
1.25
1.25

1.22
3.30
8.93

24.20
12.21
11.97
23.96
12.54
11.36

3.75
1.25

8.06
4.94

$$\begin{array}{r} 445 \\ 171 \\ \hline 274 \end{array}$$

$$\begin{array}{r} 565 \\ 467 \\ 435 \\ 580 \\ 500 \\ 490 \\ \hline 3087 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 56 \\ 81 \\ \hline 69 \end{array}$$

$$\begin{array}{r} 393 \\ 18 \\ \hline 375 \\ 111 \\ \hline 264 \\ 225 \\ \hline 39 \end{array}$$

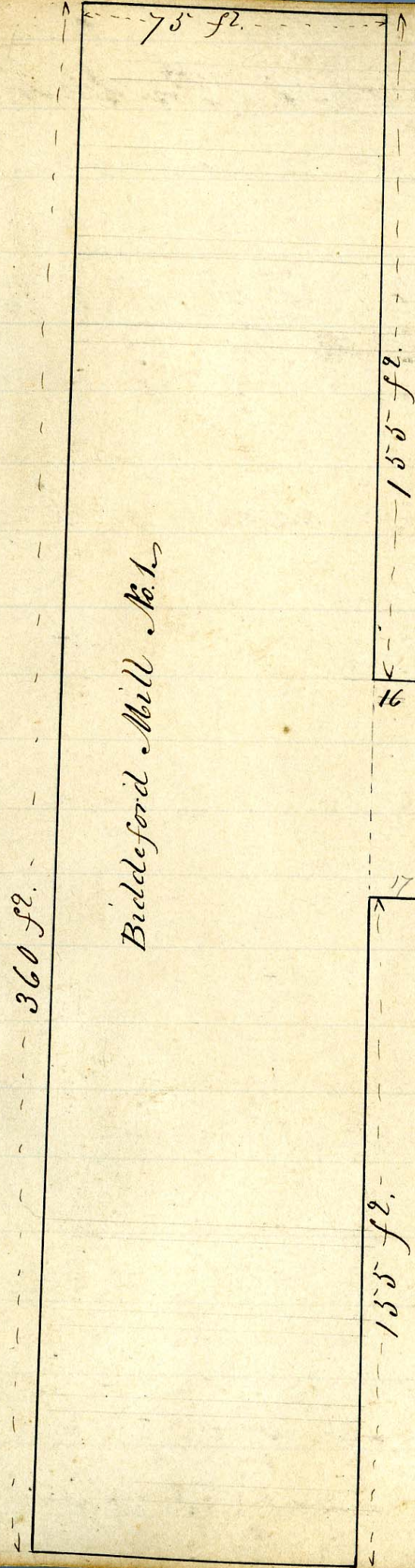
$$\begin{array}{r} 52 \\ 73 \\ \hline 125 \\ 828 \\ \hline 143 \\ 1073 \\ 6 \end{array}$$

$$\begin{array}{r} 10\frac{1}{2} \\ 3\frac{1}{2} \\ \hline 13 \end{array}$$

$$\begin{array}{r} 20\frac{1}{2} \\ 4 \\ \hline 16\frac{1}{2} \end{array}$$

$$\begin{array}{r} 33.77 \\ 16.88 \\ \hline 4122 \end{array}$$

45 ft. wide 1 ft.
direct to end of bridge



Biddleford Mill No. 1

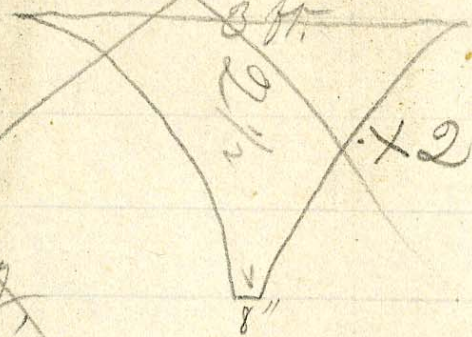
$$\begin{array}{r} 115 \\ 360 \\ \hline 405 \\ 8 \\ \hline 397 \end{array}$$

$$\begin{array}{r} 360 \\ 45 \\ \hline 405 \\ 9 \\ \hline 396 \end{array}$$

$$\begin{array}{r} 13 \\ 16 \ 0 \frac{1}{2} \\ 4 \\ 16 \ 0 \frac{1}{2} \\ 4 \\ 16 \ 0 \frac{1}{2} \\ 1 \\ \hline 73 \ 1 \frac{1}{2} \end{array}$$

$$\begin{array}{r} 351 \\ 45 \\ \hline 396 \end{array}$$

Brick work in line



Brick work 4' 10" long
4' x 4' x 2 1/2'
4' x 5' x 2'

Centre of wheels in Biddiford
Mills to 49 ft. above Dam on
Lower Level

Bottom of Wheel-pits to
be 6 ft. below Lower Dam

From brick line to centre of
first beam 10 ft. all the other
beams are 8 ft. from centre to
centre except the two centre
beams which are 10 ft. ea. from
centre of the centre walls

Openings for Windows 4 ft.
by 8 ft. Glaze 10 x 14

Upper

Bottom of underpinning basement
level $31\frac{1}{2}$ ft. above Lower Dam

Bottom of underpinning
upper Level 45 ft. above Lower
Dam = $28\frac{1}{2}$ ft. above upper Dam

Top of Basement floor
Three $\frac{1}{2}$ feet above bottom of
underpinning

Underpinning 2 ft. wide

Bottom of Flume in Mill
11 ft. $2\frac{1}{2}$ in. below Dam upper Level

13 2 1

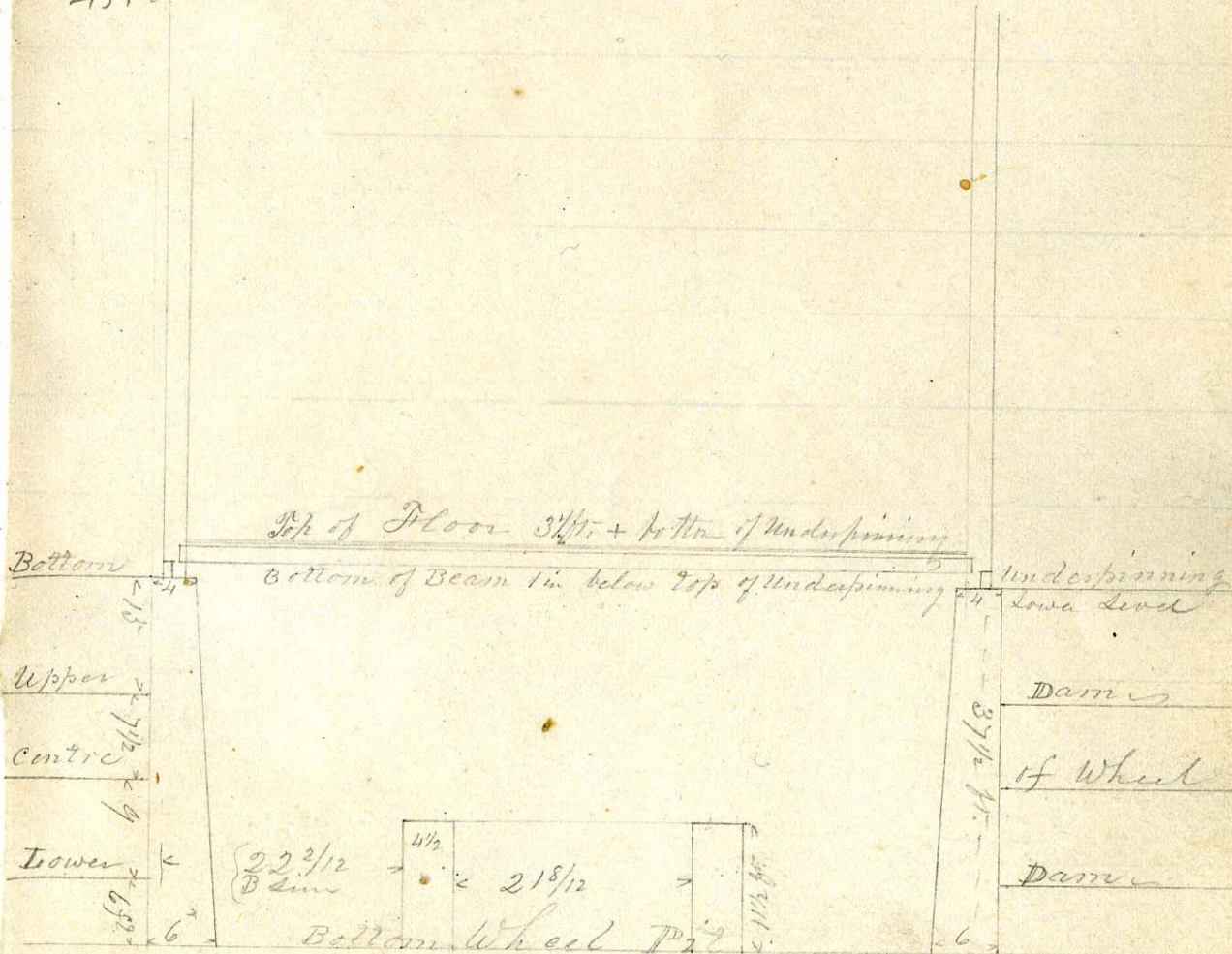
65

26.2		39	39
		6	
	11. $2\frac{1}{2}$	33	
	11. $3\frac{1}{2}$	12	
		45	
	22.6		$37\frac{1}{2}$
	16.6		14
	11. $2\frac{1}{2}$		$51\frac{1}{2}$
	5.3 $\frac{1}{2}$		6
	6		$45\frac{1}{2}$
16.6			
6			
22.6			

Levels from Hook in wall near
West end Lower Dam to

B	F	
11.86	4.28	
8.25	4.82	
7.48	4.19	To sidewalk N.W. Corner Cotton House
12.08	0.91	by apple tree stump
11.55	70	near a hole
51.22	14.90	
14.90		
36.32		
		13.29
		27.59
		14.30

51.22	14.90	
8.77	0.09	Bench on apple tree
59.99	14.99	
14.99		
43.00		



27.59
13.29
14.30

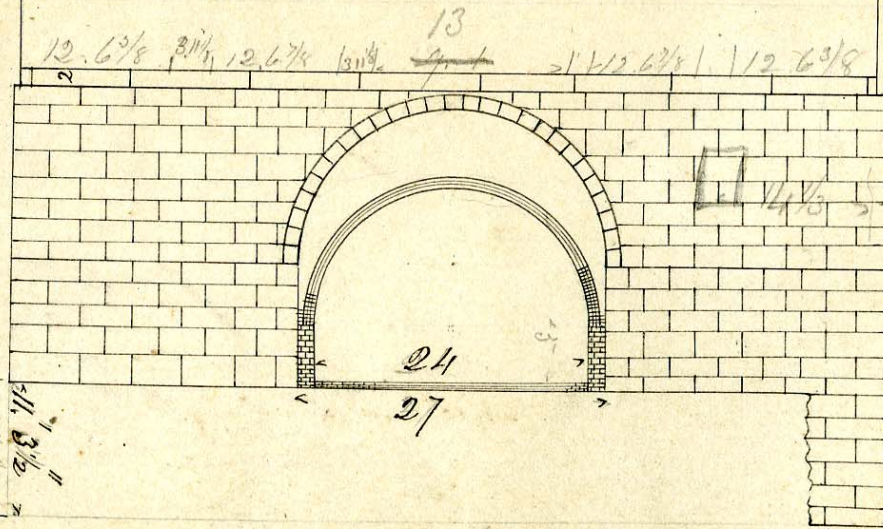
9.8 11.30 9.9 11.30 9.96
 5 11.3 301 6
 8.8 21 14.31 3.96
 9.9 37 1/2 1 1/2 14.75 37 1/2
 11.3 6 31 1/2 4.4 2
 21 14 39 1/2 14
 45 1/2 53 1/2
 45
 8

 11 3 1/2 37 1/2
 13 6 6
 1 6 31 1/2
 2 14
 28 3 1/2 45 1/2
 37 6
 0 9 1/2

9.3 1/2
 6.3 1 1 1 13 1 1 18.3 16.3

6.3
 6.3
 49.6
 4
 71
 35.6
 11.3 1/2
 24.3

 12.6 3/4 3 1/4 12.6 3/4 13 1/4 13
 37.6
 13.6
 24.0
 14.4
 9.8



Bottom Flume
 6 ft - Dam

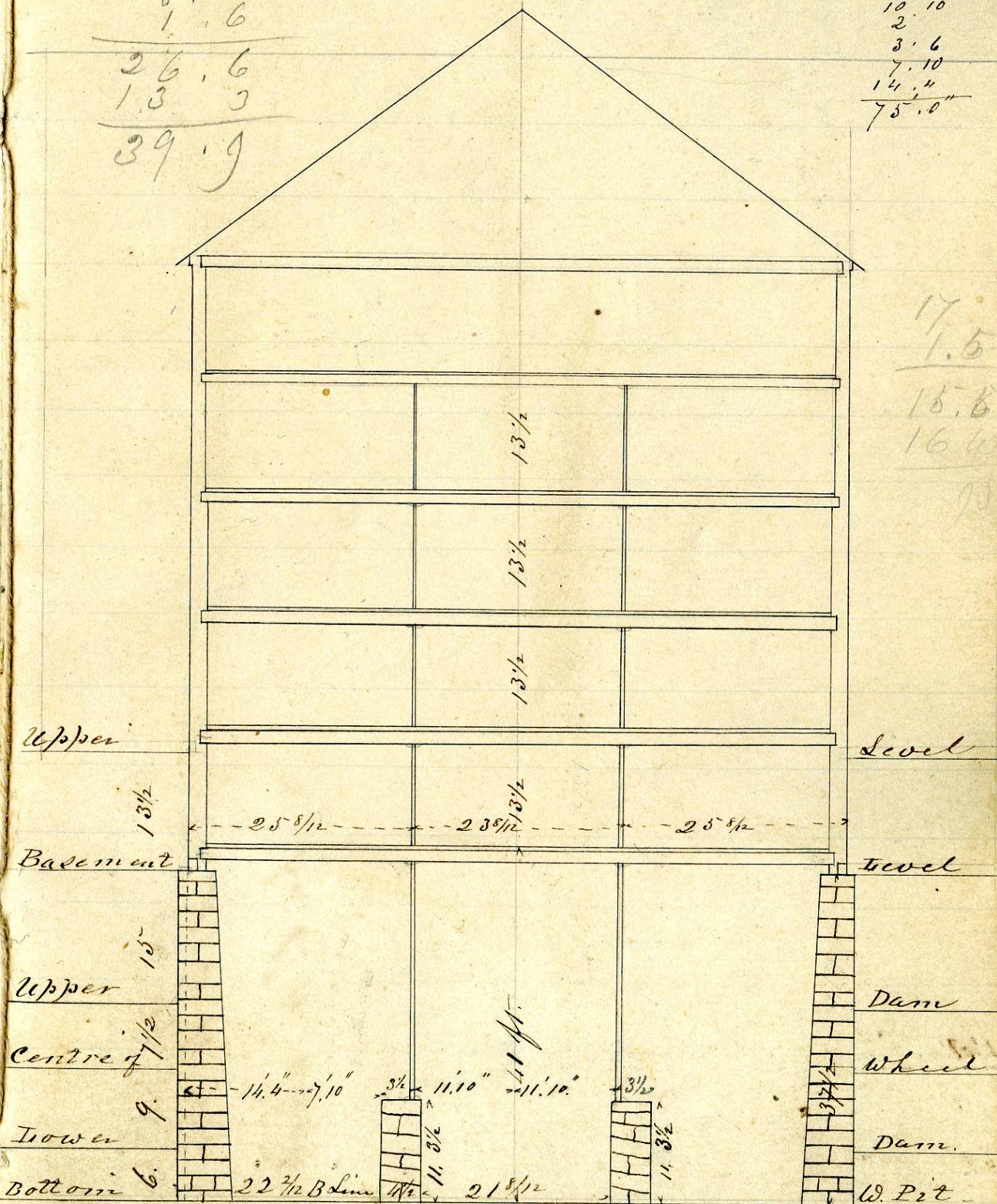
Top of Wall 14.75 + Upper Dam

11.2
15
2
28.2
1.6
26.6
13.3
39.9

3.4
1.4
4.8

14.4
7.18
3.6
10.18
2.10
2.6
7.10
14.4
75.0

17
1.5
18.8
16.4
23



From center of Mill to Cen. of Wheel 23' 2"

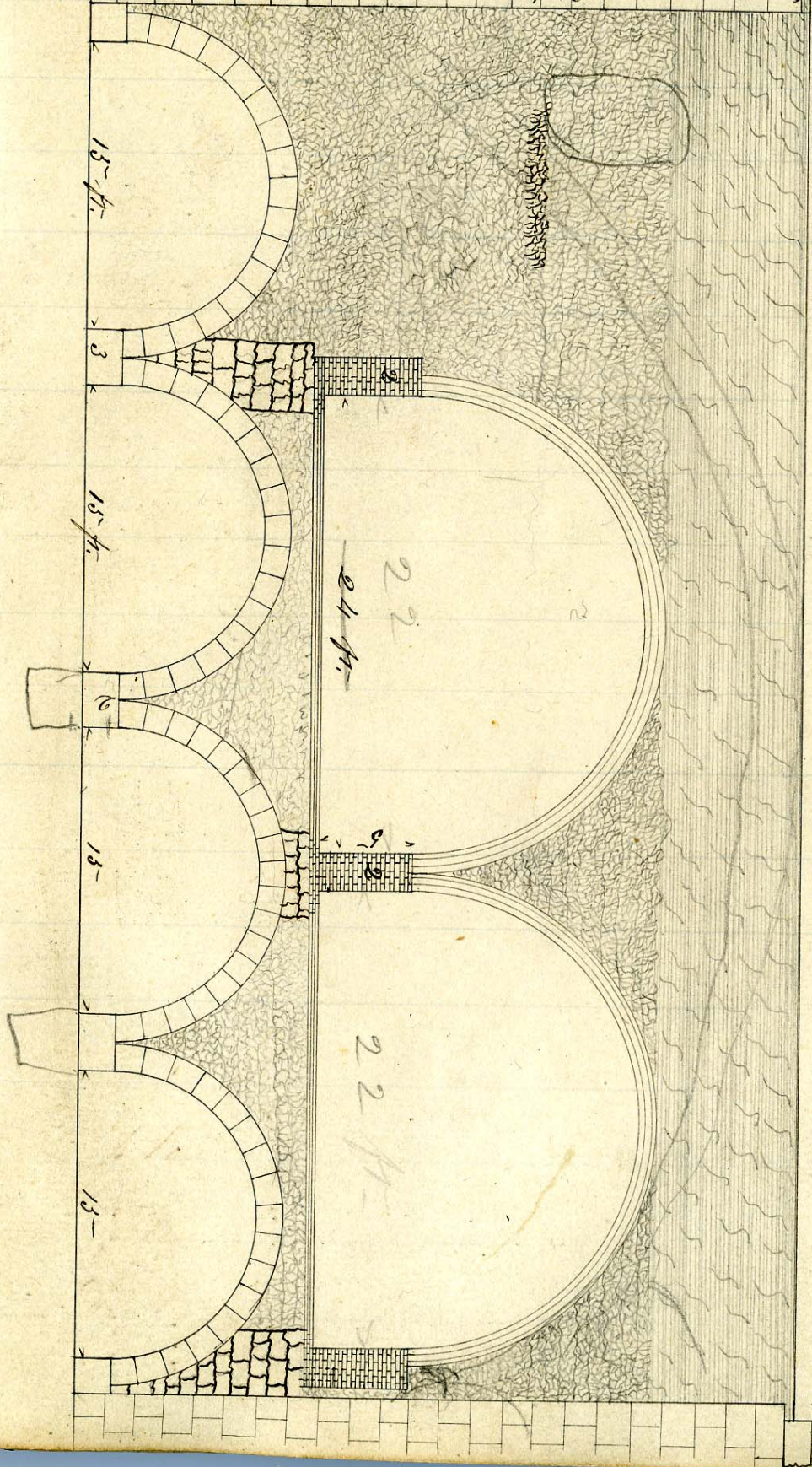
11.57
1166
10.404

37 1/2

11.30
1160
6.90
1.69
4.70

17
10.404
6.596
8.927
2.331

11.1
1.15
6.31
17.6



Levels for Transfer Bench
from Hook in Wall to B Mill Sites
B. G.

11.93 2.856

9.498 6.544

7.79 9.400

29.193

9.400

19.793 Lower Dam

16.5

3.293 Upper Dam

19.793

5.56

14.233 Bottom Floor

Arches under Bridges

Faces of South French wall

3 ft. 4 in north of north beam in

Cotton House. Arch begins

to spring 4 ft. below lower Dam

Offset in wall 18 in thence
bottom to top 4 in.

2

3.4
1.4
2.0

3.4
1.4
2.0
23
1.6
28.2

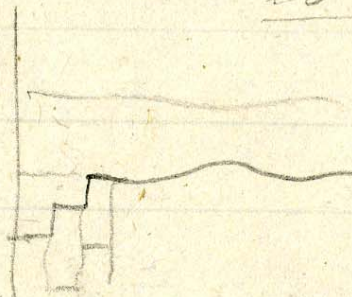
3.4
1.4
2.0
1.10
1.1
1.6

75
22
97

8.3-3-
4.26
4.29
8

10.11
4.26
5.85
5.08
77

11
5.13
16.13
15.5
07
93



1.5-
9.7
10.5-
10.5-
11.85-

Height of trench walls in
Gully beginning at west side
of Overfall wall 5 ft. Dia.

A	B	C	D	E	F	G
Average 3 ft. high x 3 ft. thick	Average 3 ft. high x 3 ft. thick	9.310 9.00 7.00 6.75 6.5- 4-(26)	9.08 11.79 7.00 7.40 5.40 4.40 3.50 4.15 4.50 3.00	4. 1. 4. 3. 3. 1. 4 3/10 5.5 6.16 7.92 8.68 9.28 8.00 8.00 8.00	3.7 3.7 2.3 3.2 3.3 3.3 3.6 3.6 3.7 3.7 3.7 3.7 3.7 3.7	3. 1. 3.7 3.3 3.7 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6
		Balance av 3 ft. High		(av. 3 ft. High) (av. 3 ft. High)		
				(av. 3 ft. High) (av. 3 ft. High)		

Average 1 ft. thick

Transferred

Threshold of Lacombe
 Cos C House 5.26 + W Dan

1.00

4.26

Top of wall on East side
 of Over full 4.26 + W Dan
 Bottom of Arches 4 ft - 2 Dan
 Butten 1 1/2 in to foot

Adding

16.5	
4.26	
<u>24.76</u>	
12.38	
<u>37.14</u>	in Butten

55	
3.1 1/4	100
<u>58.1 1/4</u>	100

Face of wall on top 55 ft
 from Lacombe's Cloth Store

222

111

8/8

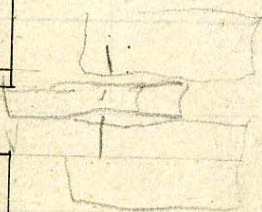
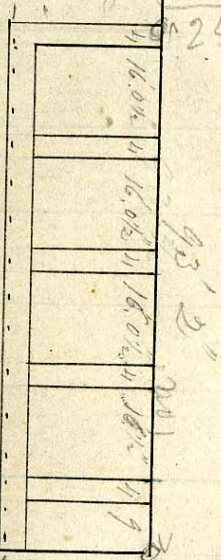
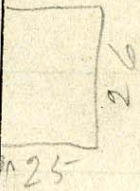
6

$$\begin{array}{r} 228 \\ 222 \\ \hline 194 \end{array}$$

27

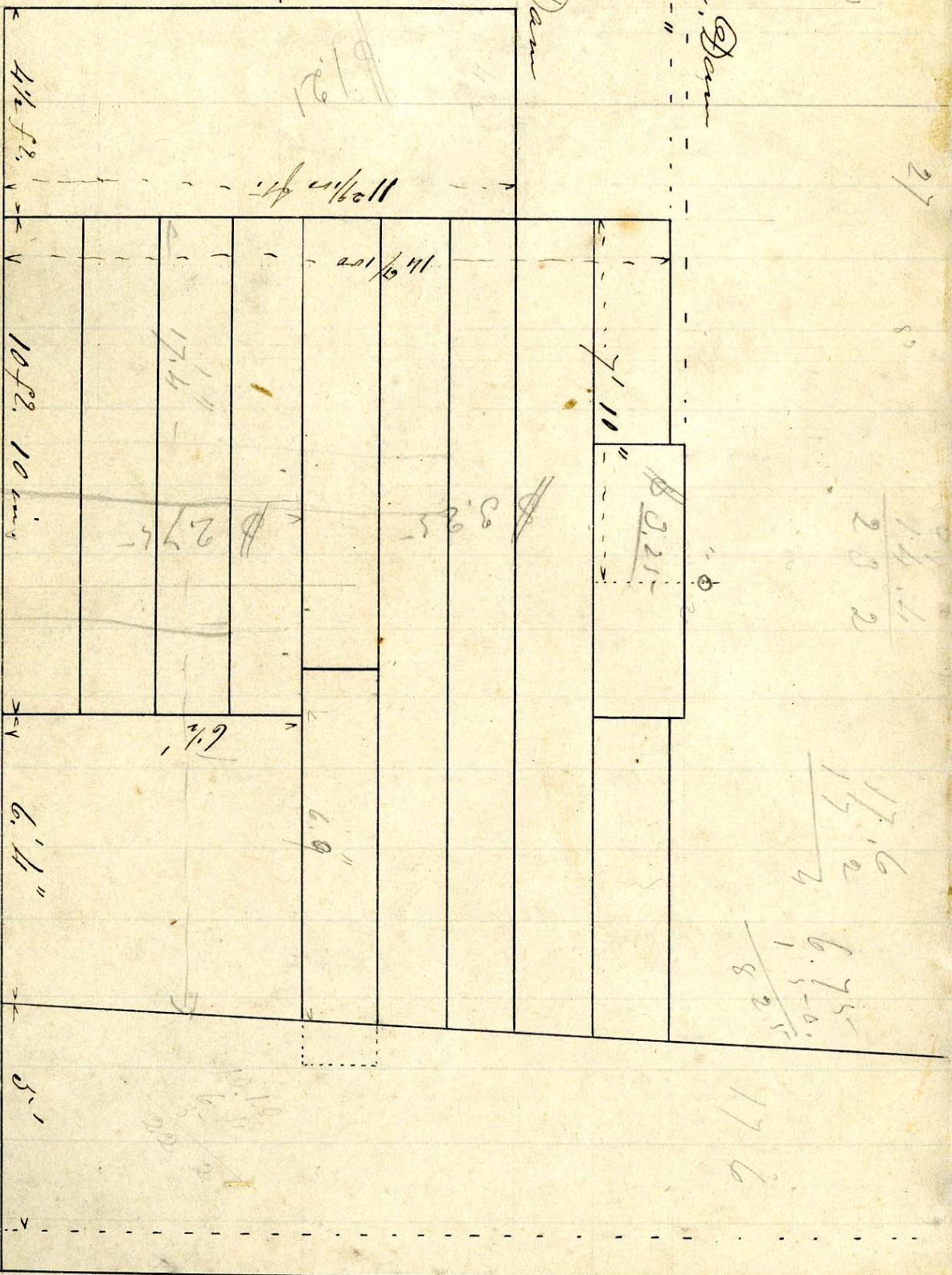
$$\begin{array}{r} 28 \\ 222 \\ \hline 222 \end{array}$$
$$\begin{array}{r} 7 \\ 11 \overline{) 77} \\ \underline{77} \\ 0 \end{array}$$

$\begin{array}{r} 9 \\ \frac{1}{2} \\ 160\frac{1}{2} \\ 4 \\ 160\frac{1}{2} \\ 4 \\ 160\frac{1}{2} \\ 4 \\ 160\frac{1}{2} \\ 4 \\ \hline 93.02 \end{array}$

$$\begin{array}{r} 17 \\ 45- \\ 18 \\ 18 \\ 18 \\ 18 \\ \underline{18} \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ \end{array}$$


172

672. - 1, Dann



218
10
10
4
9
464

Wall No. 1

5-
 14 0 1/2 v
 6
 14 0 1/2 v
 6
 14 0 1/2 v
 6
 14 0 1/2 v
 14

7 1/2' / 3'
 av

26 1/2

No. 12

5

14. 0 1/2

No. 10

6

14. 0 1/2

No. 14

93.2
 5-
 88.2
 78.2
 95-

21. 8 1/2

21. 8

14
 14. 0 1/2
 28. 0 1/2
 6

30. 0 1/2
 14. 0 1/2

6 1/2' / 3'
 av

No. 13

24 1/2

17. 2

No. 11

No. 13

48.1
 6

54.1
 14 0 1/2
 68.14
 6

74.1 1/2
 14 0 1/2

88.2
 5-

93.2
 7.6

100.8
 9

21. 1/2

2

28

$$\begin{array}{r}
 1.325- \\
 2856 \\
 \hline
 7181 \\
 21203 \\
 \hline
 14.228
 \end{array}$$

French walls under Roadway
 will average 5 ft. high by
 3 ft. thick for 2 outside walls
 & 4 ft. thick middle wall

$$\begin{array}{r}
 37.25- \\
 24 \\
 \hline
 20 \\
 4800 \overline{) 1288} \\
 3725 \\
 \hline
 10750 \\
 7250 \\
 \hline
 38000 \\
 29800 \\
 \hline
 30000
 \end{array}$$

At 11:30^a 74.5' from End of Mill to face of wall on bottom
 Dam Set back 16 in -

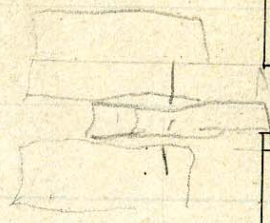
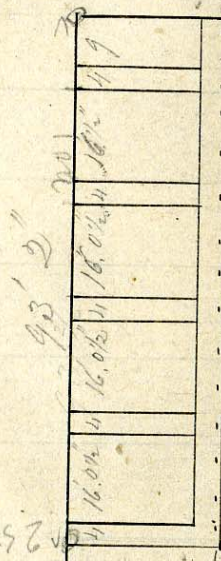
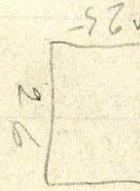
$$\begin{array}{r} 222 \\ 116 \\ \hline 97 \\ 88 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 28 \\ 222 \\ \hline 194 \\ 97 \\ \hline 97 \\ 28 \\ \hline 222 \end{array}$$

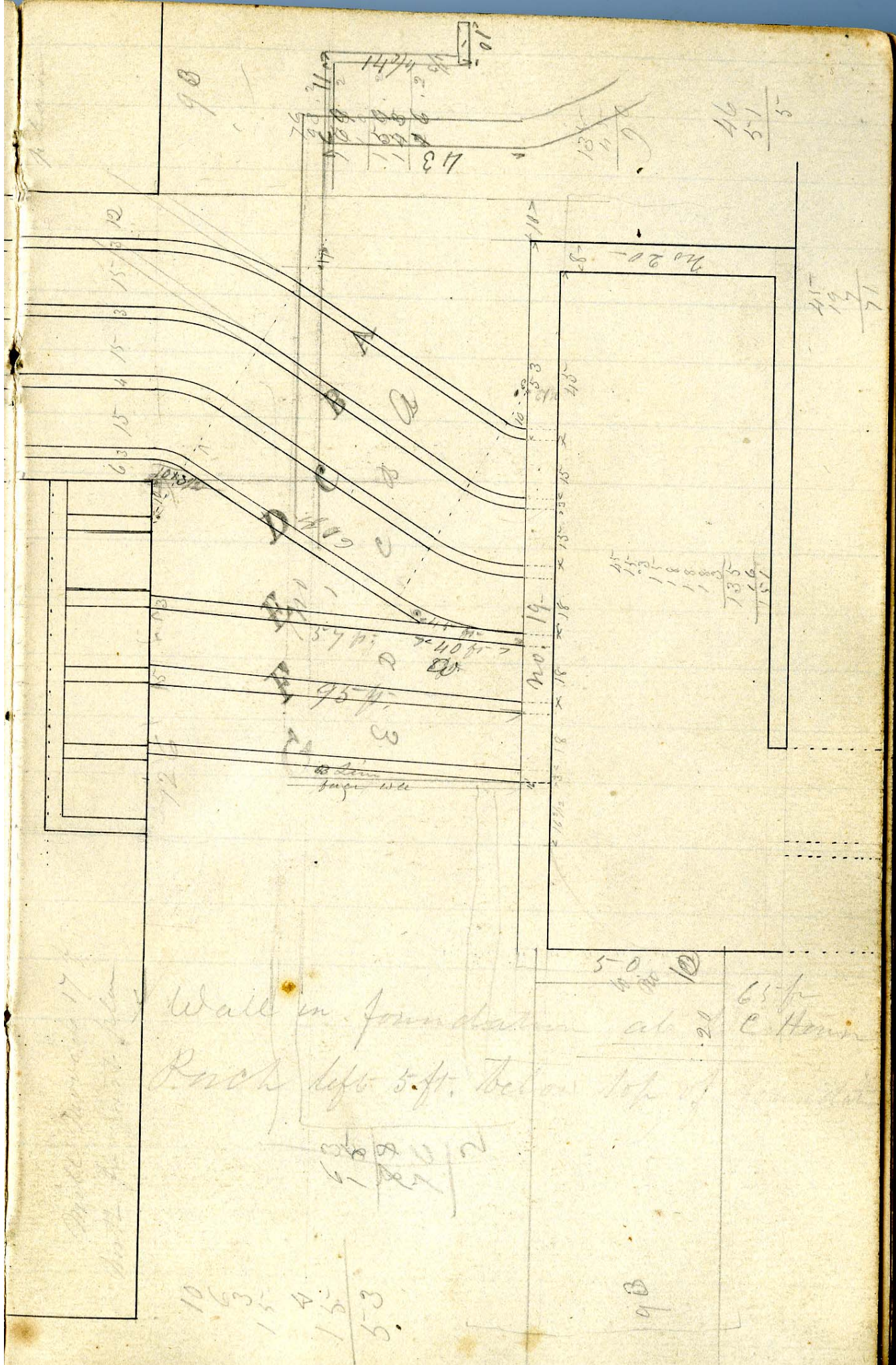
$$\begin{array}{r} 73 \frac{1}{2} \\ 1 \\ \hline 74 \frac{1}{2} \end{array}$$

$$\begin{array}{r} 9 \frac{1}{2} \\ 160 \frac{1}{2} \\ 4 \frac{1}{2} \\ 160 \frac{1}{2} \\ \hline 93.02 \end{array}$$

$$\begin{array}{r} 17 \\ 45 \\ 18 \\ 18 \\ 18 \\ 18 \\ \hline 132 \\ 76 \\ \hline 76 \\ 1.5 \\ \hline 74.5 \end{array}$$



Mill
 Dam
 18 ft. wall
 on top



Threshold of Lacomie
Cos C House 5.26 + W Dan

1.00

4.26

Top of Wall on East side
of Over full 4.26 + W Dan
Bottom of Arches 4 ft - S Dan
Butter 1 1/2 in to foot

Adding

16.5
- 4.26
24.76
12.38
37.14 in Butter

55-

3.1 1/4/100

58.1 1/4/100

Face of Wall on top 55 ft -
from Lacomie Cos Cloth Store

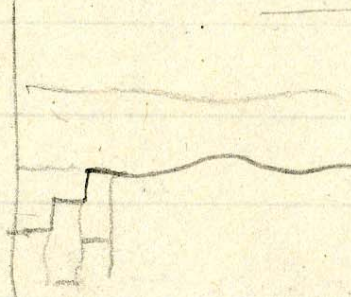
75
22
97

8.3-5-
4.26
4.29
8

10.11
4.26
5.85
5.08
77

11
5.13
16.43
15-5
07

.93



1.5-
7.7
10.5-
10.5-
1.18-5-

Height of trench walls in
Gully beginning at west side
of Overfall wall → 5 ft. Dis.

A	B	C	D	E	F	G
Average 3 ft. high x 3 ft. thick	Average 3 x 3 ft.	Balance av 3 ft. High	(2.2 ft. av. 5 ft. high)	(av. 3 ft. high)	av 3 ft. x 3 ft.	
		9.3/10	9.08	4.	3.7	3.
		9.40	11.79	4.	3.7	1.
		7.10	7.00	4.	3.3	3.7
		6.75	7.20	3.	3.2	3.3
		6.5-	6.20	3.	3.3	3.7
		4-(36)	4.40	4 3/10	3.7	3.6
			3.50	5.5	3.8	3.6
			4.15	6.16	3.7	
			4.50	7.92		
			3.00	8.68		
				9.28		
				8.00		
				8.00		
				8.00		

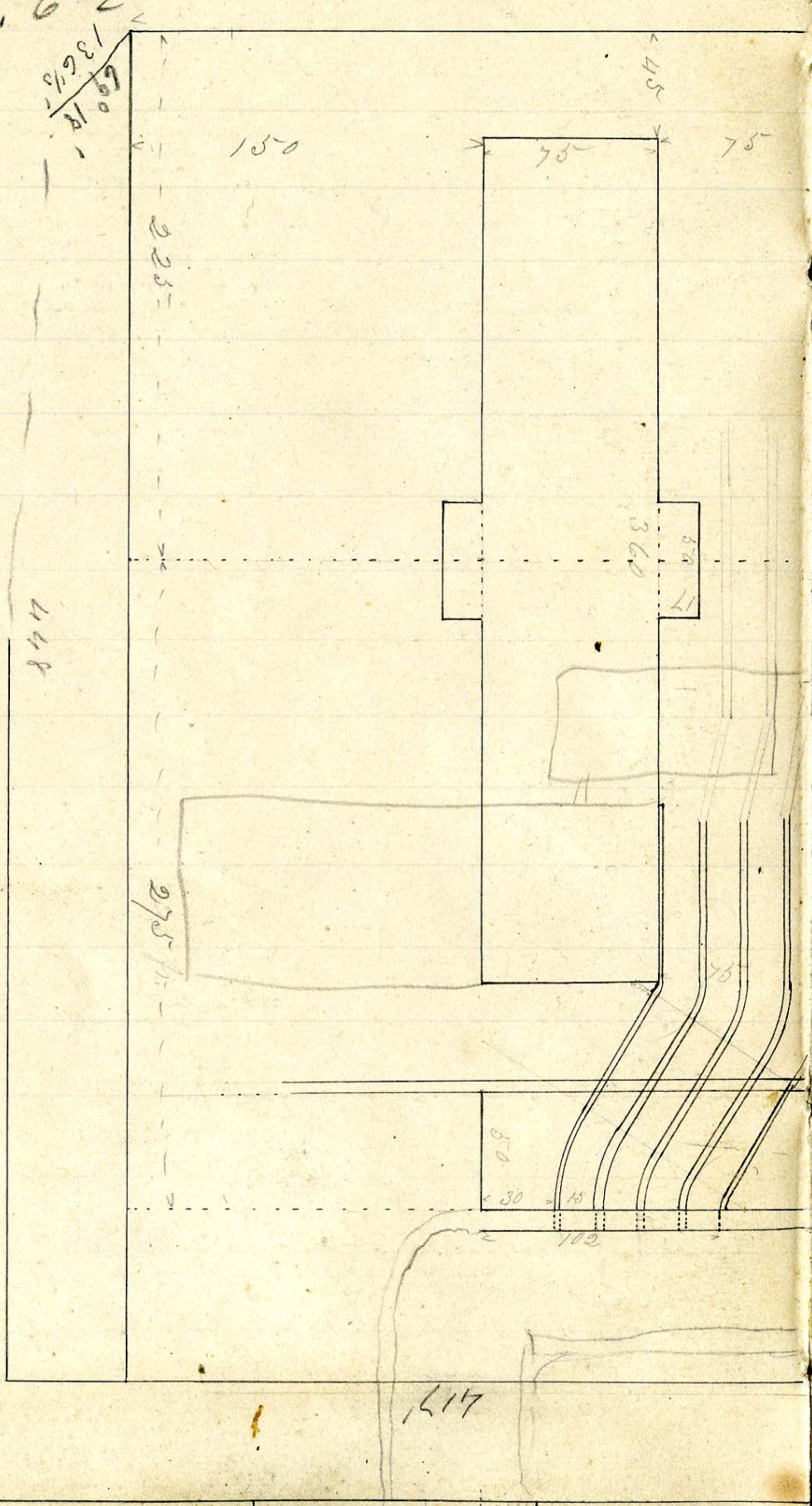
Average 4 ft. thick

Transferred

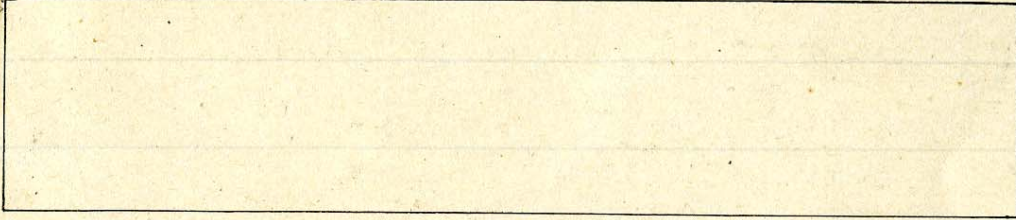
9 91
 5.29
 4.62

K.6
 11 2 1/2
 5.3 1/2

69.18
 90
 159.18

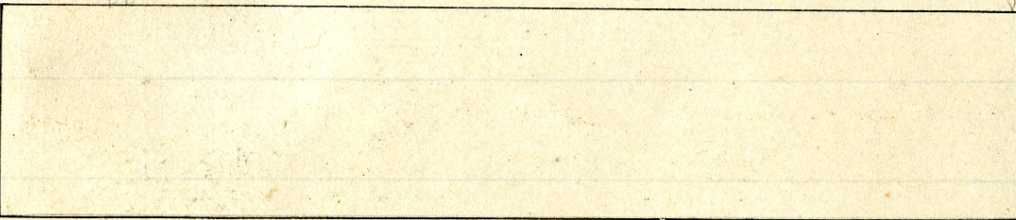


693 ft. ←



225-

210 ft.



225-

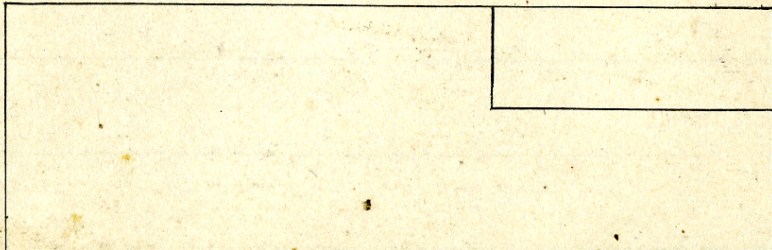
33

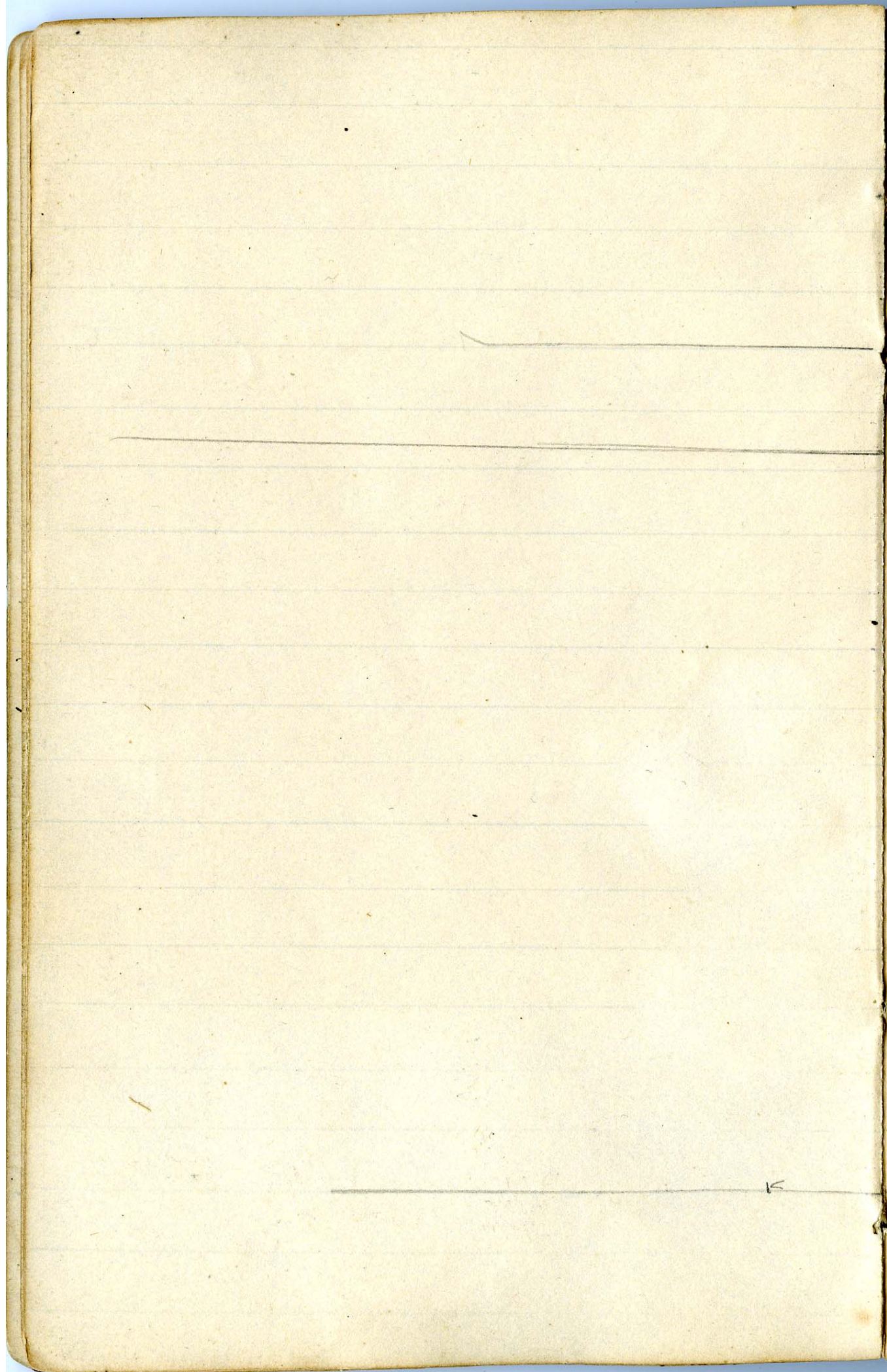
45-

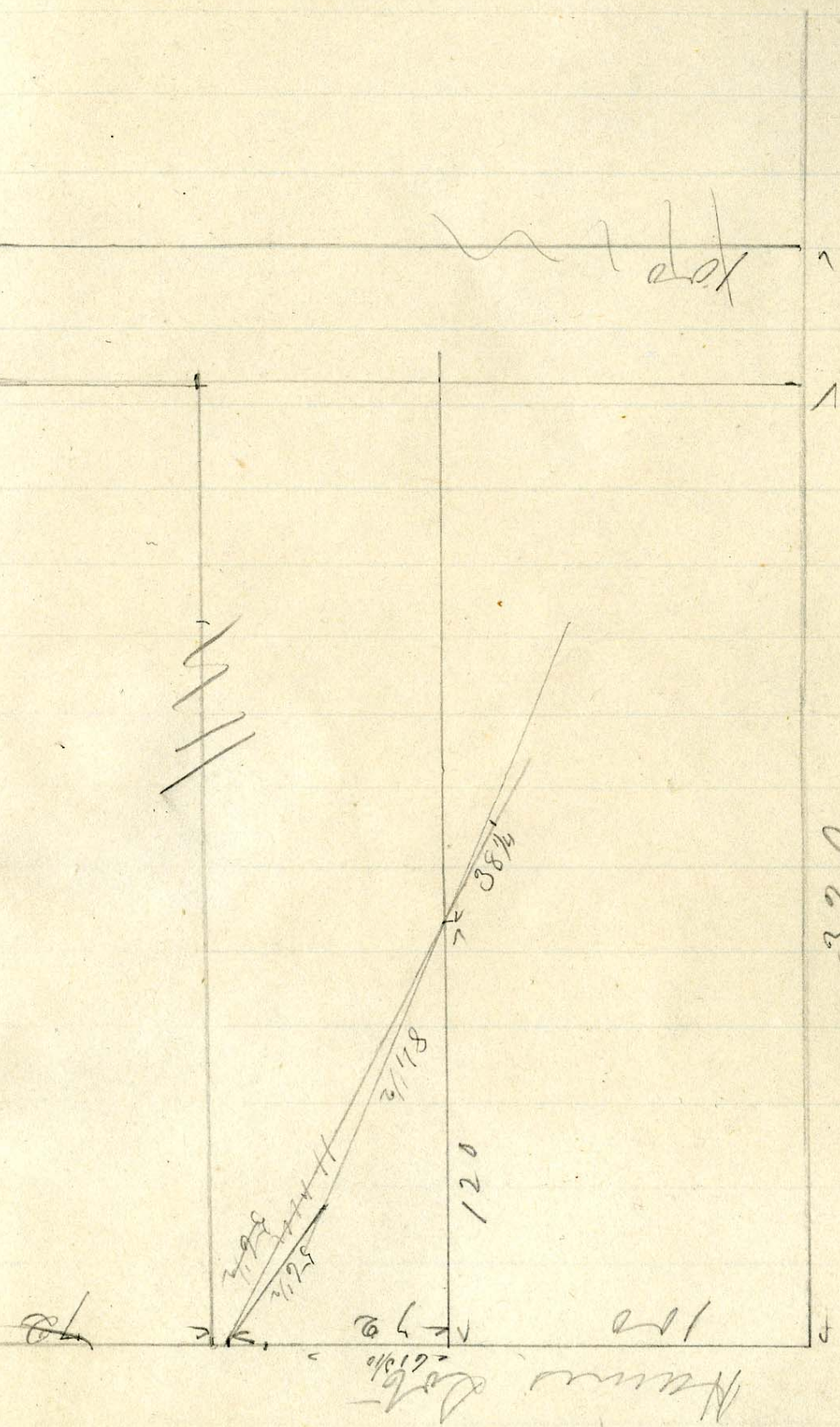
34325-

125-

8







320
Academy St.

Bottom of Wall on East
 Side of Mill No. 1. Beginning
 at S. E. corner, ^{inside of south wall} Dis 5 ft,
 Ins 3.29 + top of wall

6.77
 6.24
 6.95
 7.54
 8.12
 7.47
 8.78
 8.59
 9.07
 9.14
 10.53
 11.58

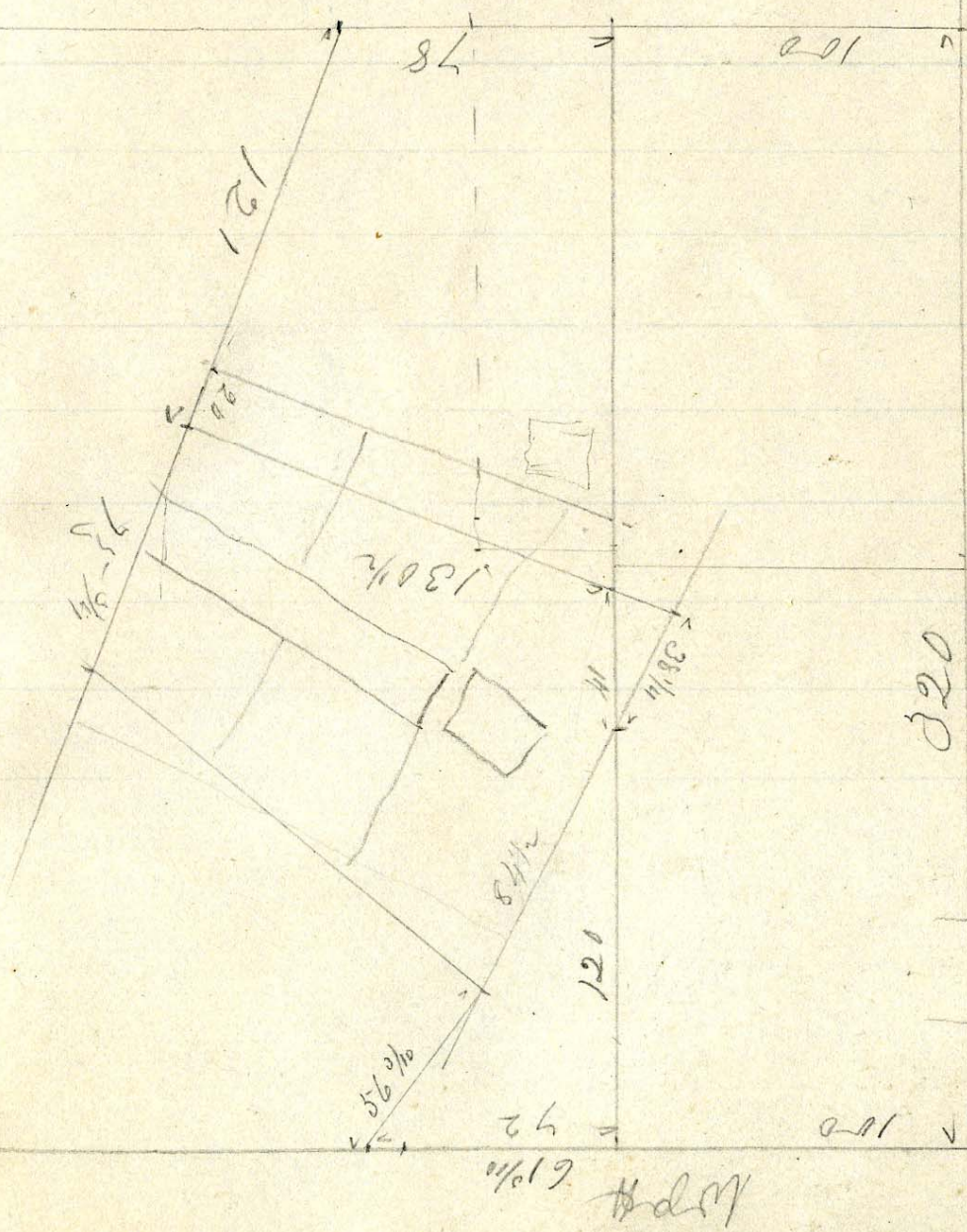
South Wall from East end
 of same Ins as above, dis 5 ft.
 Wall 39 ft. Long 4 ft. Thick

8.80
 8.78
 8.76
 8.75
 8.76
 5.13
 4.92
 5.07
 4.26
 9.57.61

$39' \times 4' \times 3.11/m = 485.16 \text{ ft}^2$

$\frac{14}{156}$
 $\frac{3.11}{156}$
 $\frac{156}{468}$
 $\frac{468}{485.16}$

$6.4 - 3.29 = 3.11$



Adams St

28
131
020
155

Bottom of North Wall of
 East Porch 2.93 below Dam
 Top 14.75 ft Dam — Wall 3 ft.
 thick $27.68 \times 3\frac{1}{2} \times 1\frac{1}{4} =$
 Out opening $3 \times 4 \text{ ft} \times 3 = 36 \text{ ft}^2.$

East Wall of East Porch from
 North Ends Dis 4 ft. In 2.07 +
 Dam Wall 3 ft. thick

$15.00 \quad 22.83 \times 28' \times 3\frac{1}{2} =$
 15.00
 14.75
 9.34
 9.14
 4.05
 3.75

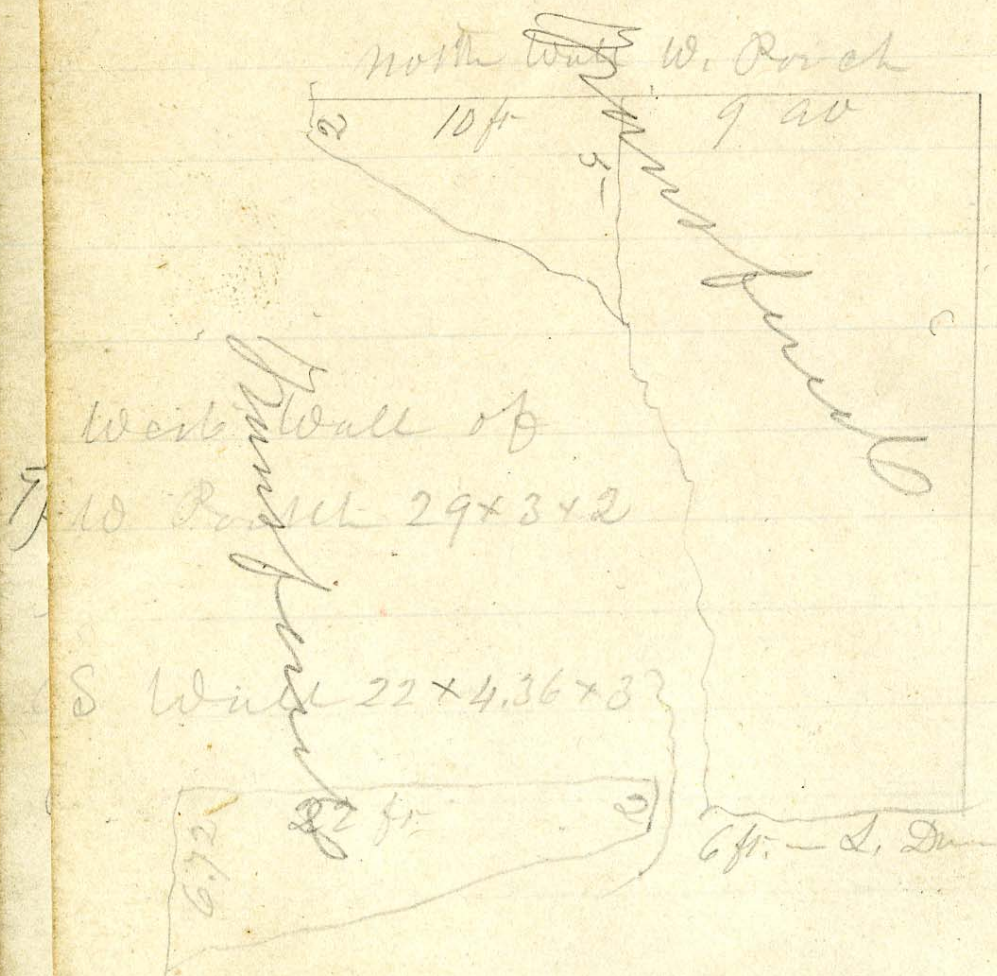
 $77.03 \mid 10.15 - 2.07 = 8.08 + 14.75 = 22.83$

South Wall of East Porch
 Bottom 1.70 — Dam — wall
 $3\frac{1}{2}$ ft. thick 14.75
 $16.45 \times 3 \times 1\frac{1}{4} =$

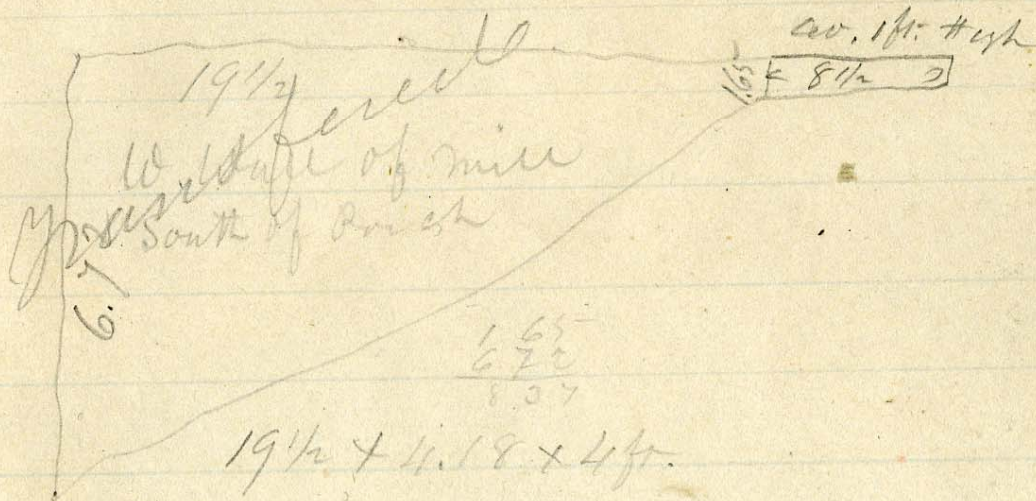
6184

North Wall of West Porch average
 9 ft. ~~long~~ average long to within
 4 ft. of Top - 4 ft. thick

13 1/2 perches stone around
 opening in arch under
 H Beam H Beam
 Opening in arch 2 ft. wide



Line of Pipe 36 ft. South
 of South line of Boiler House
 to run level to 45 ft. East
 of line of mill, thence incline
 1.93 to 23 ft. West of mill.
 Thence level to the center
 line between the two mills



West wall of mill ¹⁰² ft. to open
 for Propylol height &
 depth

East
~~South~~ Wall of Mill 6 ft. —
 Lower Down to 93 ft. from north
 end thence — top of wall I
 Ins. Top of wall Dis 5 ft

31.8

29.25

26.75

24.75

22.8

21.2

18.57

18.00

16.00

13.00

12.30

11.60

10.40

10.00

8.50

Out by Arch

20.6 x 4 1/2 ft x 4 ft

Back Wall of East Wheel Pits

92 ft x 4 1/2 x 1 1/4

Out 2 Arches

Back Wall of West Wheel Pits

92 ft x 4 1/2 x 1 1/4

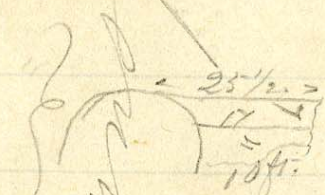
Out 2 Arches

Walls under Addition to
Packing House

West Wall } $163 \times 2 \times 2$
South } $26 \times 2 \times 2$

East

North of arch



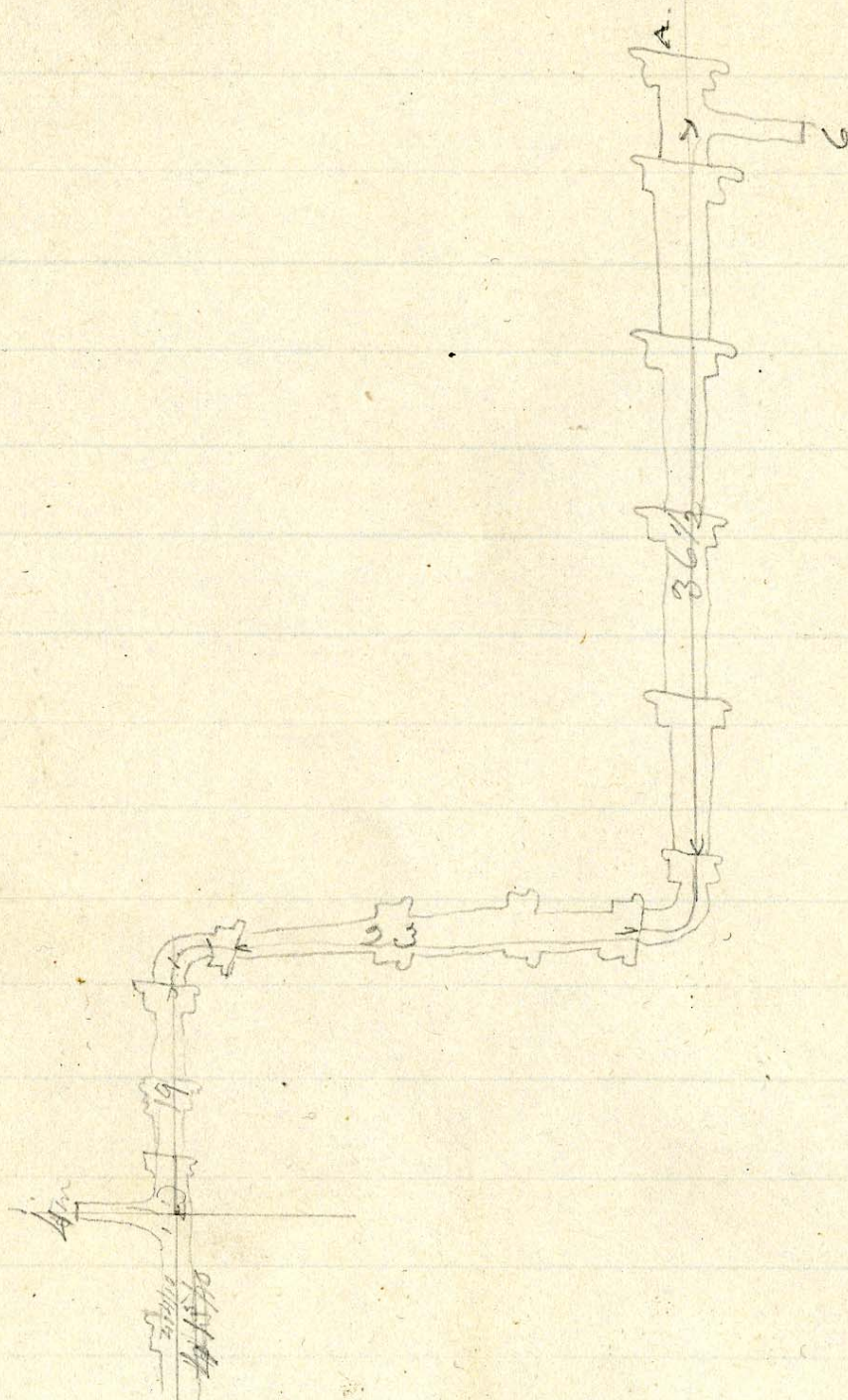
as 1 ft. thick

Part of wall between the
two arches say $111 \times 4.6 \times 2$

At Birmingham Cr.

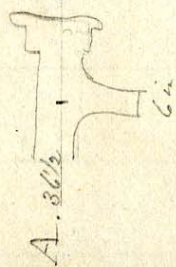
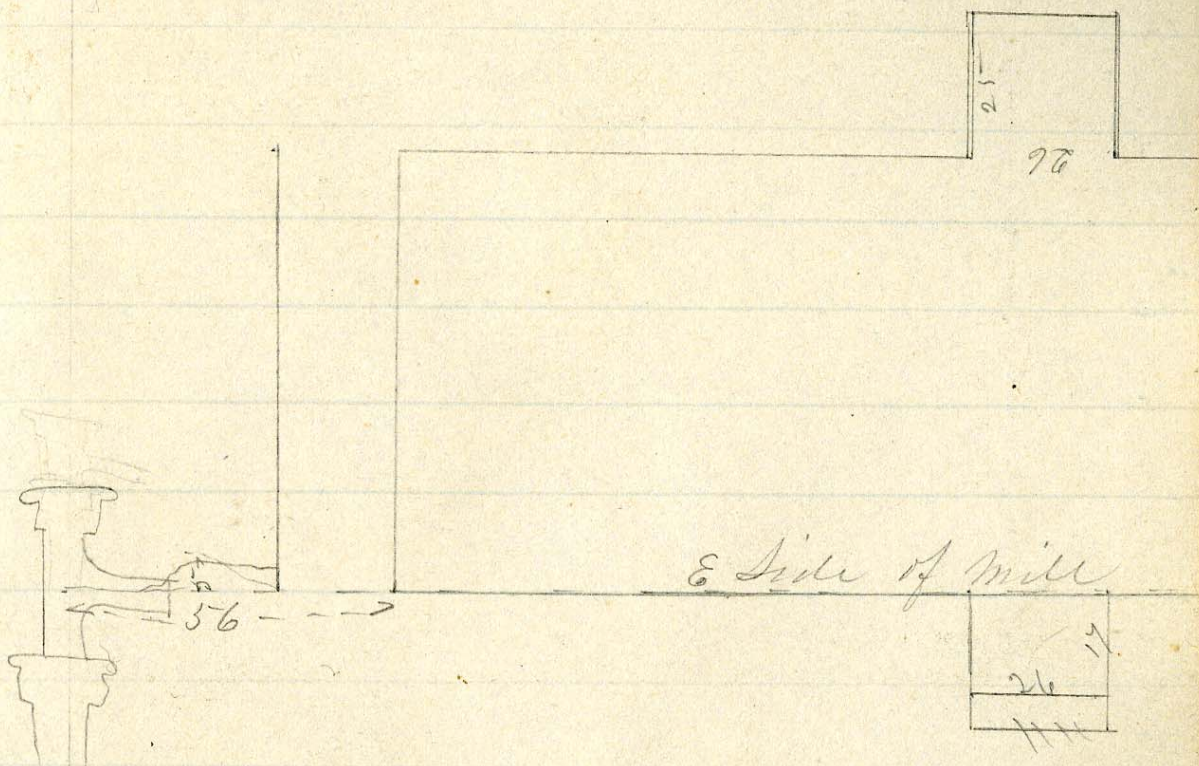
By 20 ft. rough stone
used between the 25 ft. arches
estimated by Little & Andrews

$$\begin{array}{r} 10 \\ 3 \\ \hline 31 \end{array}$$



12/9/15

Block No. 1—



Spun Stone by Crook's Shells

for Overfall wall } 9' 3" x 2' 18.6

Not to be used } 2' x 1' 2.0

2' x 4' 2" 8.4

9.10 x 2' 19.8

2 x 2 4.0

12 x 1 12.0

1.10 x 2 3.8

7.6 x 2 15.0

1.9 x 2 3.6

Cubic ft

Stone used

F 9' 3" x 2 x 1 18.6

" 9.10 x 1.10 x 1 18.0

" 6' x 1.10 x 1 11.0

" 7.6 x 1.9 x 1 13.1

" 5.9 x 1.9 x 1 10.0

" 6.7 x 1.10 x 1 12.10

" 6.10 x 1.9 x 1 12.10

" 4.11 x 1.9 x 1 8.10

" 4.11 x 1.9 x 1 8.10

" 6. x 1.9 x 1 10.6

" 6 x 1.9 x 1 10.6

" 7.9 x 1.9 x 1 13.6

" 5.7 x 1.9 x 1 1.9

4.3 x 1.3 x 17' 7.9

7 x 10 x 1.9 x 1 1.9

7.7 x 1.9 x 1 5.7

1.9 x 2 1.9

4.3 x 17" x 2 12.0

7.10 x 2 15.8

1.9 x 1 1.9

7.7 x 2 15.2

1.9 x 2 3.6

for Cut by W. H. Wood

273 1"

Dimensions of Stone Hammer by W. L. Birch

$\left. \begin{array}{r} 36 \\ 36 \\ 36 \\ 34 \\ 36 \end{array} \right\}$ Arches in Overfall wall
 $6 \text{ ft.} \times 1\frac{1}{2} \times 178$ 1602
 $\frac{178}{178}$ Plumb Spots $29' \times 6" \times 10$ ~~195~~

$23.56 \times 6" \times 10$ 117.8 ✓

Arches under Road-way 25 ft =
Span

$\frac{56}{56}$
 $112 \times 3 \text{ ft.} \times 1\frac{1}{2} \text{ ft.}$ 304 ✓

Plumb Spots for Centres 7 ✓
 Arches in East wall of Mill
 10 ft. Span

$\frac{26}{26}$
 $52 \times 6 \text{ ft.} \times 1\frac{1}{2} \text{ ft.}$ 468 ✓

Plumb Spots for Centres 31.4 ✓
 Arches under back walls of Wheel pits
 10 ft. Span

$\frac{28}{28}$
 $\frac{28}{28}$
 $\frac{26}{26}$
 $110 \times 4\frac{1}{2} \text{ ft.} \times 1\frac{1}{2} \text{ ft.}$ 742.5 ✓
 Plumb Spots for Centres $\frac{31.4 \times 110}{60}$ 60

Arch in North end of Mill
27 ft. Span

$$64 \times 5 \text{ ft.} \times 1\frac{1}{2} \text{ ft.}$$

480 ✓

Plumb Spots for Centres 242.42

Dimensions of Hammered
Stone or Wheel pits

$15 \times 4 =$	60.	✓	
$8.4 \times 16.8 \times 4 =$	67.2	✓	
$17.4 \times 4 =$	69.6	✓	
P.B. $12 \times 6 =$	72.	✓	+ 268.8 ✓

P.B. 12×6	72		
22.4×4	89.6	✓	
18.6×4	74.4	✓	
16.6×4	66.4	✓	288.4 ✓

8.4×4	16.8×4	67.2	✓	
10×4	20×4	80.	✓	
7.8×4	15.6×4	62.4	✓	
P.B. 12×6	12×6	72.	✓	+ 281.6 ✓

$$\begin{array}{l}
 \left\{ \begin{array}{l} 16.2 \times 4 = 64.8 \checkmark \\ 18.2 \times 4 = 72.8 \checkmark \\ 16.6 \times 4 = 66.4 \checkmark \end{array} \right. \left\{ \begin{array}{l} 87 \times 4 \quad 68. \checkmark \\ 19.8 \times 4 \quad 79.2 \checkmark \\ 23.2 \times 4 \quad 100.8 \checkmark \\ 21.2 \times 4 \quad 84.8 \checkmark \\ 12 \times 6 \quad 72. \checkmark \end{array} \right. \\
 \text{P.B. } 12 \times 6 = 72. \checkmark \\
 \underline{276.0 \checkmark}
 \end{array}$$

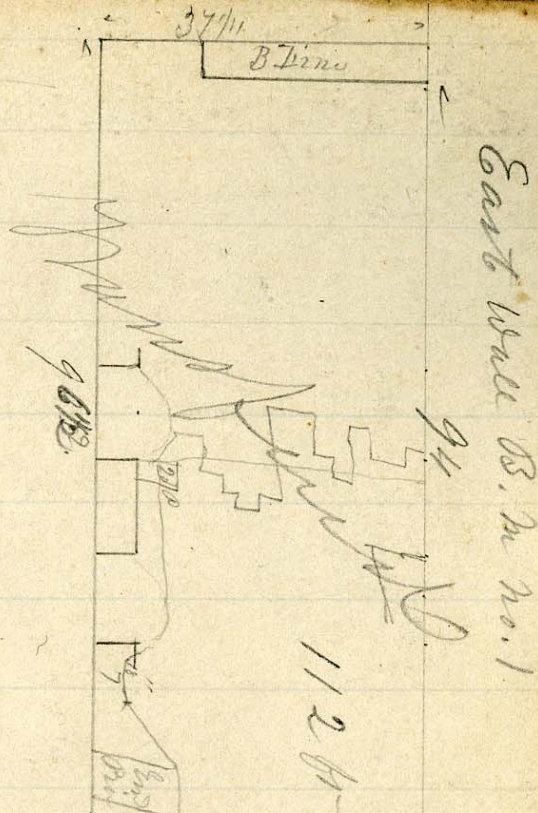
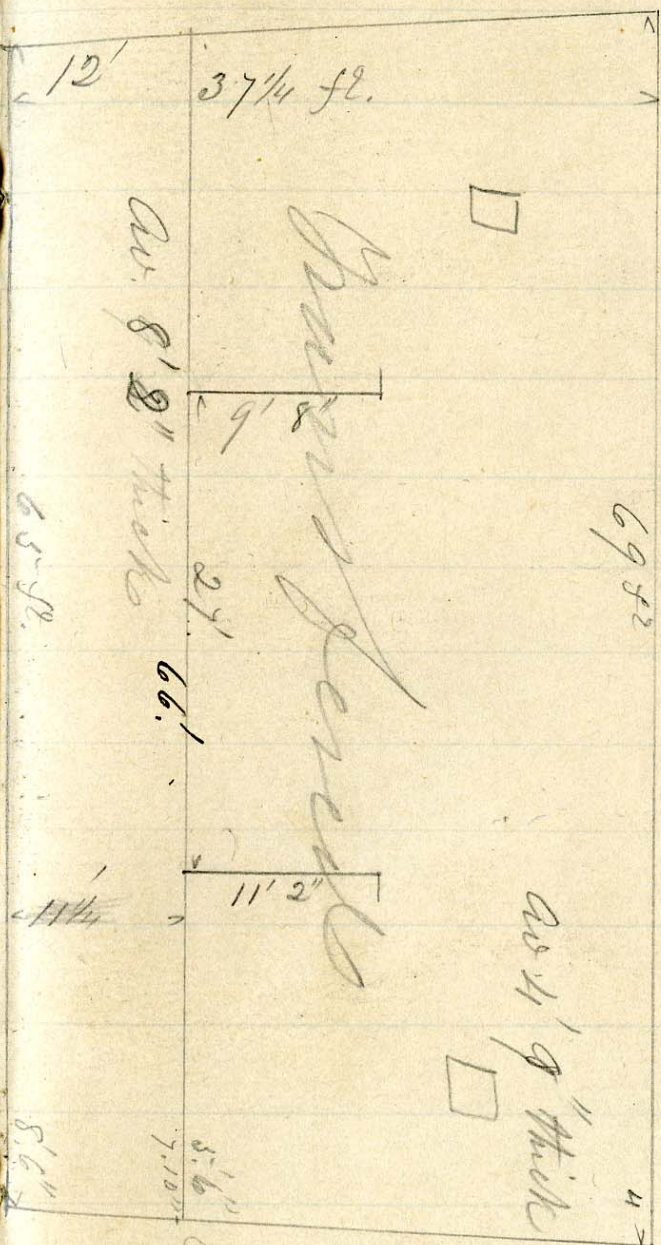
$$\begin{array}{l}
 \left\{ \begin{array}{l} 18.6 \times 4 \quad 194.4 \checkmark \\ \text{P.B. } 12 \times 6 \quad 72. \checkmark \\ \quad \quad \quad 266.4 \checkmark \end{array} \right. \left\{ \begin{array}{l} 13 \times 4 \quad 52. \times \\ 21.8 \times 4 \quad 87.2 \checkmark \\ 23.2 \times 4 \quad 92.8 \checkmark \\ 17 \times 4 \quad 68. \checkmark \\ 12 \times 6 \quad 72. \checkmark \end{array} \right. \\
 \underline{404.8 \checkmark}
 \end{array}$$

$$\begin{array}{l}
 \left\{ \begin{array}{l} 51.0 \times 4 \quad 204. \checkmark \\ \text{P.B. } 12 \times 5 \quad 60. \checkmark \\ \quad \quad \quad 264 \checkmark \end{array} \right\} \left\{ \begin{array}{l} 13 \times 4 \quad 52. \times \\ 21.8 \times 4 \quad 87.2 \checkmark \\ 23.2 \times 4 \quad 92.8 \checkmark \\ 17 \times 4 \quad 68. \checkmark \\ 12 \times 6 \quad 72. \checkmark \end{array} \right. \\
 12 \times 4 \quad 48. \checkmark \\
 \underline{372.0 \checkmark}
 \end{array}$$

$$\begin{array}{l}
 \left\{ \begin{array}{l} 18.2 \times 4 \quad 72.8 \checkmark \\ 20.2 \times 4 \quad 80.8 \checkmark \\ 21.2 \times 4 \quad 84.8 \checkmark \end{array} \right\} \left\{ \begin{array}{l} 26 \times 4 \quad 104. \checkmark \\ 20 \times 4 \quad 80. \checkmark \\ 19.1 \times 4 \quad 77.6 \checkmark \\ 25 \times 4 \quad 100. \checkmark \\ 10 \times 6 \quad 72. 60 \end{array} \right. \\
 \text{P.B. } 12 \times 5 \quad 60. \checkmark \\
 \underline{346.4 \checkmark} \\
 432.6 \checkmark
 \end{array}$$

6936.3 3180.

$$\begin{array}{r} 92.5 \\ 61.6 \\ \hline 629.5 \end{array}$$



North End Seal 33m no. 1

$$\begin{array}{r} 11.2 \\ 13.6 \\ 1.6 \\ \hline 26.2 \\ 1.2 \\ \hline 27.4 \\ 1.6 \\ \hline 29.0 \end{array}$$

$$\begin{array}{r} 31.8 \\ 29.25 \\ 26.75 \\ 24.75 \\ 22.8 \\ 21 \\ 18.57 \\ 18 \\ 16 \\ 13 \\ 12.5 \\ 11.6 \\ 10.4 \\ 10 \\ 8.4 \\ 8.26 \\ 7.24 \end{array}$$

Cut for Brick

$$\begin{array}{r} 21.6 \times 4.5 \times 4 \\ 20.6 \\ 20.4 \end{array}$$

$$\begin{array}{r} 99.8 \\ 2.4 \\ \hline 102.2 \end{array}$$

$$\begin{array}{r} 9.11 \\ 9.11 \\ 9.11 \\ \hline 27.33 \end{array}$$

19.825

Levls for transfer of upper
Dam for Sidewalk by L. Co's
to Run to head of Canal

^B	^I
19.82	6.536
2.356	15.640
22.176	22.176

10.656
275-
7.906. Hook + Dam

22.176
6.536
15.640

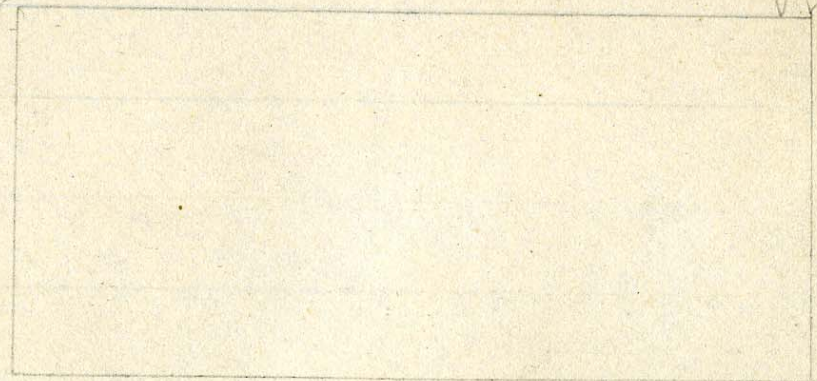
2001.75
27825

50
394

1/4 3/4

1/8

V.V



Level notes for transfer of Dam
across East Branch by first mile
to a bench on Sedge near

(Bench 10.437) B. I Diff

9.206 0.000

10.098 0.921

9.951 2.590

3.992 5.176

5.826 7.312

0.480 11.159

0.000 3.163

39.553 11.705

2.331 11.884

11.884

5.123 5.123

10.347 3.319

57.354 50.326

50.326

70.28

7.906

878

Sedge of Cos Yard

(Bench on Rock
East side of River

Bench on rock East

Side of River

to Hook in B. Shop

$$\begin{array}{r}
 7.1410 \\
 \underline{8.48} \\
 6.1129 \\
 11.550 \\
 \underline{1.2622} \\
 1.4182 \\
 \underline{9.802} \\
 9.70 \\
 \underline{10.58}
 \end{array}
 \qquad
 \begin{array}{r}
 7.878 \\
 \underline{11.50} \\
 19.378 \\
 \underline{7.82} \\
 11.558 \\
 \underline{70} \\
 12.258
 \end{array}$$

$$\begin{array}{r}
 10.88 \\
 \underline{15} \\
 11.01
 \end{array}$$

$$\begin{array}{r}
 10.625 \\
 \underline{88}
 \end{array}$$

Transfer of Upper Dam B Mills
to Hobbs in wall near west end
of Upper Dam by B. Shop

$$\begin{array}{r}
 19.97 \quad 5.759 \\
 1.061 \quad 8.971 \\
 \underline{229} \quad \underline{229} \\
 21.268 \quad 5.642 \\
 \underline{20372} \quad \underline{20372} \\
 .888
 \end{array}$$

$$\begin{array}{r}
 10.656 \\
 5
 \end{array}$$

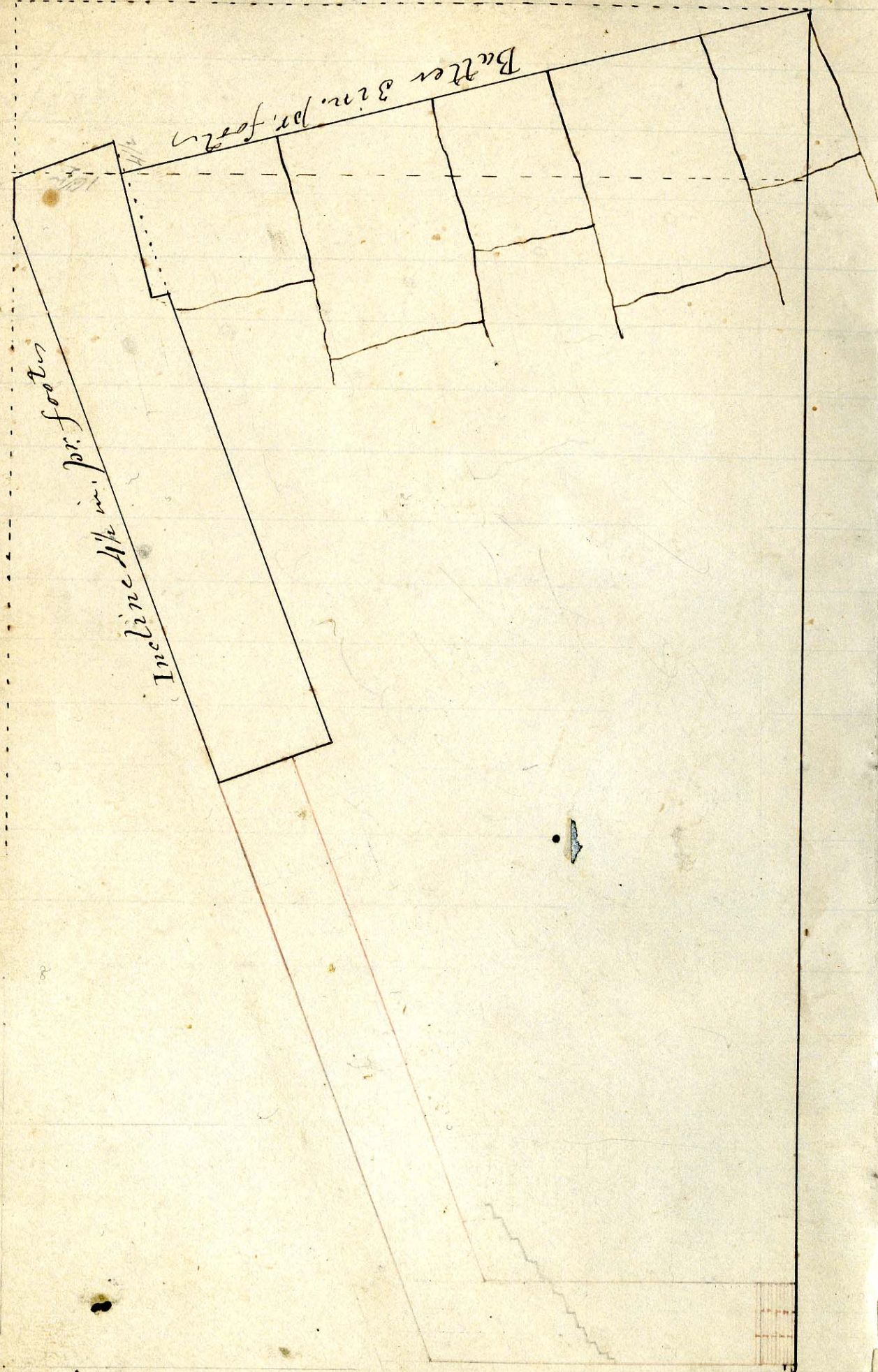
Stone Dam $10\frac{5}{8}$ in above
Upper Dam



18	6	6	Dec	5	2
6 ft.	6 ft.	6 ft.	6 ft.	6 ft.	6 ft.

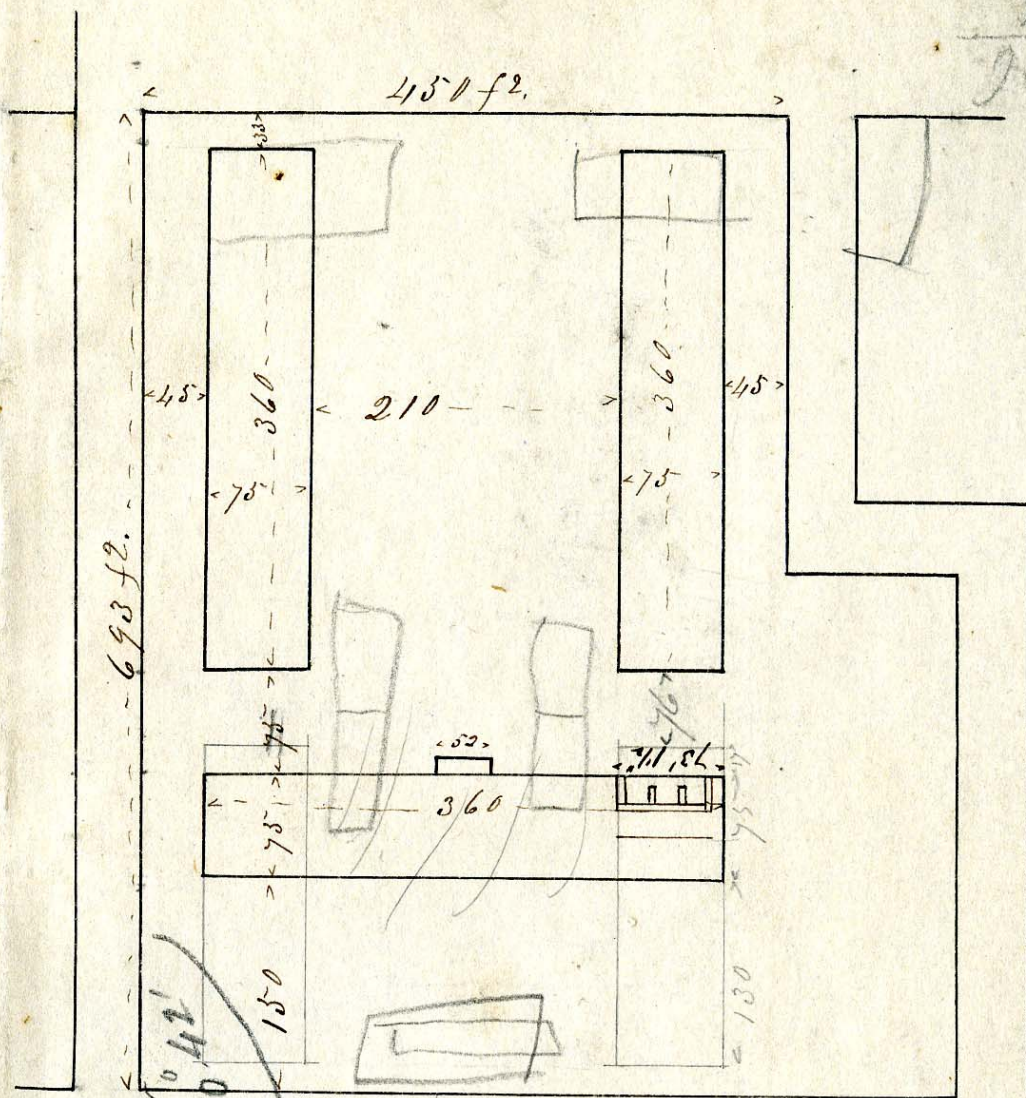
173

2 1/2	6	6	6	6	6
-------	---	---	---	---	---



Incline 4 1/2 in. per foot

Batter 3 in. per foot



$$\begin{array}{r} 78.1 \\ 15.4 \\ \hline 93.5 \end{array}$$

$$\begin{array}{r} 76 \\ 17 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 75 \\ 17 \\ \hline 92 \\ 222 \\ \hline 130 \end{array}$$

$$\begin{array}{r} 110.42 \\ 110.42 \\ \hline 220.84 \\ 15.88 \\ \hline 236.72 \\ 15.88 \\ \hline 252.60 \end{array}$$

$$\begin{array}{r} 22.66 \\ 11.61 \\ \hline 34.27 \\ 11.81 \\ \hline 46.08 \end{array}$$

Men made the...
 225 1/4 ft. ...
 already done - the true center
 is 3 in. West of the mark

$$\begin{array}{r} 19.58 \\ 11.88 \\ \hline 31.46 \end{array}$$

$$\begin{array}{r} 214.8 \\ 11.88 \\ \hline 226.68 \end{array}$$

$$\begin{array}{r} 28.28 \\ 11.88 \\ \hline 40.16 \end{array}$$

$$\begin{array}{r} 2.35 \\ 7.27 \\ \hline 5.16 \\ 15- \end{array}$$

$$\begin{array}{r} 62.20.16 \\ 10.8 \\ \hline 62.30.24 \end{array}$$

$$625.10\frac{1}{2}$$

$$\begin{array}{r} 624.1\frac{1}{2} \\ 175 \\ \hline 449.1\frac{1}{2} \end{array}$$

$$\begin{array}{r} 84 \\ 491 \\ \hline 8 \\ 251 \end{array}$$

$$\begin{array}{r} 8 \\ 68 \end{array}$$

$$\begin{array}{r} 200 \\ 200 \\ \hline 400 \end{array}$$

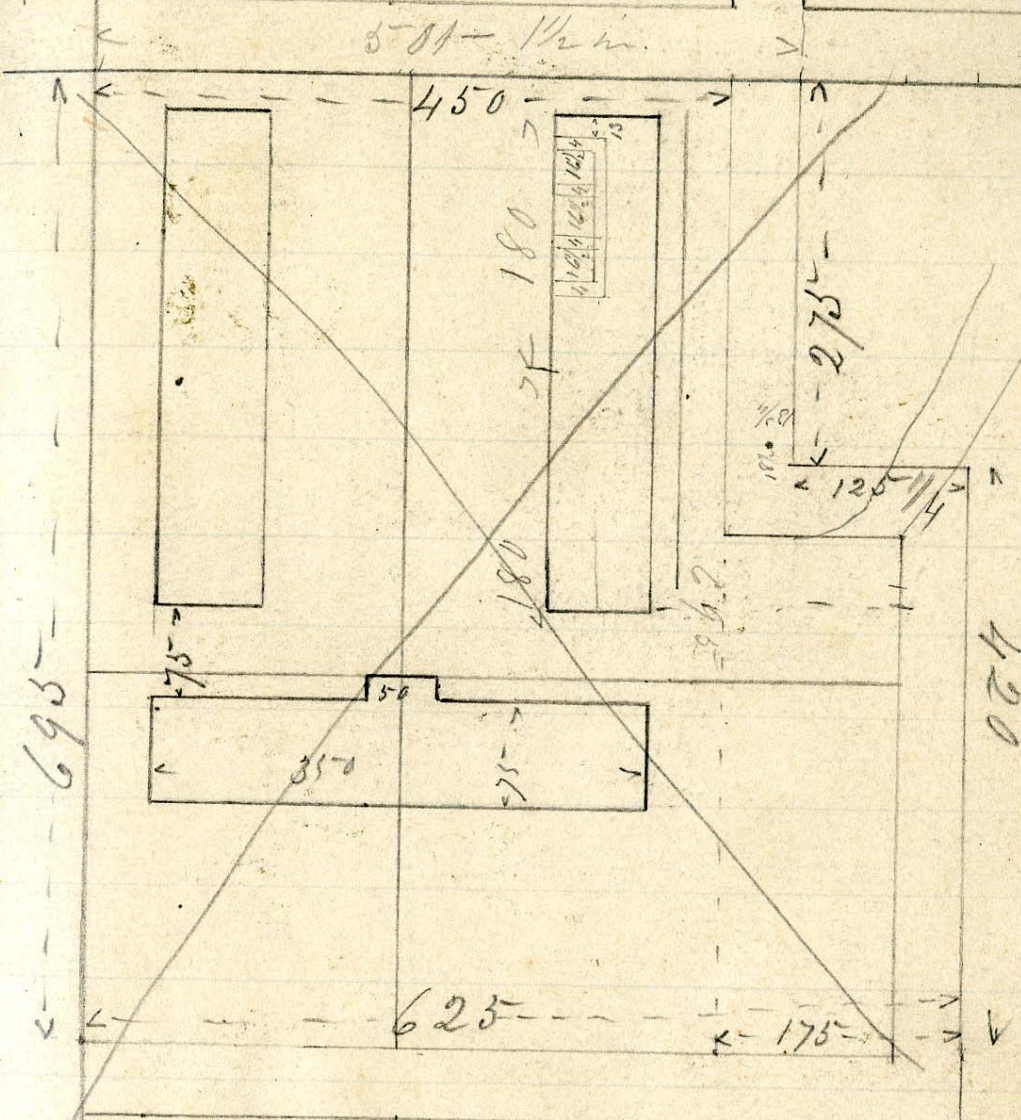
$$\begin{array}{r} 548\frac{1}{2} \\ \hline 04 \end{array}$$

$$\begin{array}{r} 2165 \\ 3711 \\ \hline 2885 \\ 2352 \\ \hline 11 \\ 9100 \\ 28 \\ \hline 25 \\ 44 \\ 11 \end{array}$$

$$\begin{array}{r} 548 \\ 878 \\ \hline 78 \\ 65 \\ \hline 59 \\ 10 \end{array}$$

131





$$\begin{array}{r} 75-2.5- \\ 730.3- \\ \hline 722.10 \\ 695- \\ \hline 27+0.44 \end{array}$$

$$\begin{array}{r} 8-542 \\ 047 \\ 020 \\ \hline 8-549 \\ 0-549 \\ \hline 8-549 \end{array}$$

$$\begin{array}{r} 0103 \\ 0-541 \\ 0-549 \end{array}$$

$$\begin{array}{r} 084 \\ 0-542 \\ 0-542 \end{array}$$

$$\begin{array}{r} 175- \\ 45- \\ 175- \\ \hline 295- \\ 50- \\ \hline 245- \end{array}$$

$$\begin{array}{r} 0-541 \\ 0-541 \end{array}$$

Levels for Hook in Bulk-head
Wall to Pen Wheel in M Shop
B. I

12.09	0.84	Threshold M Shop
5.00	6.78	East Door
17.09	7.62	Pen Wheel

7.62

9.47 Cen of Wheel above I Dam

45 ft. from Lim of Street to end
of Mill

13 ft. from B. Lim to face of W. Pit
Wall

Wheel-pit ends walls 4 ft. thick

360 ft. Whole length of mill

9 ft. from B. Lim to outside W. Pit wall

351 ft. from West end wall to South
Side of South W. Pit Wall

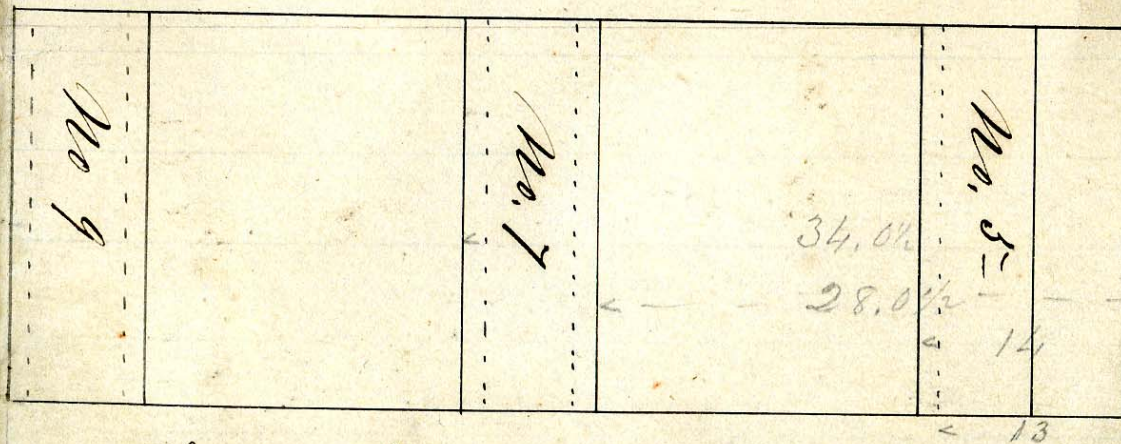
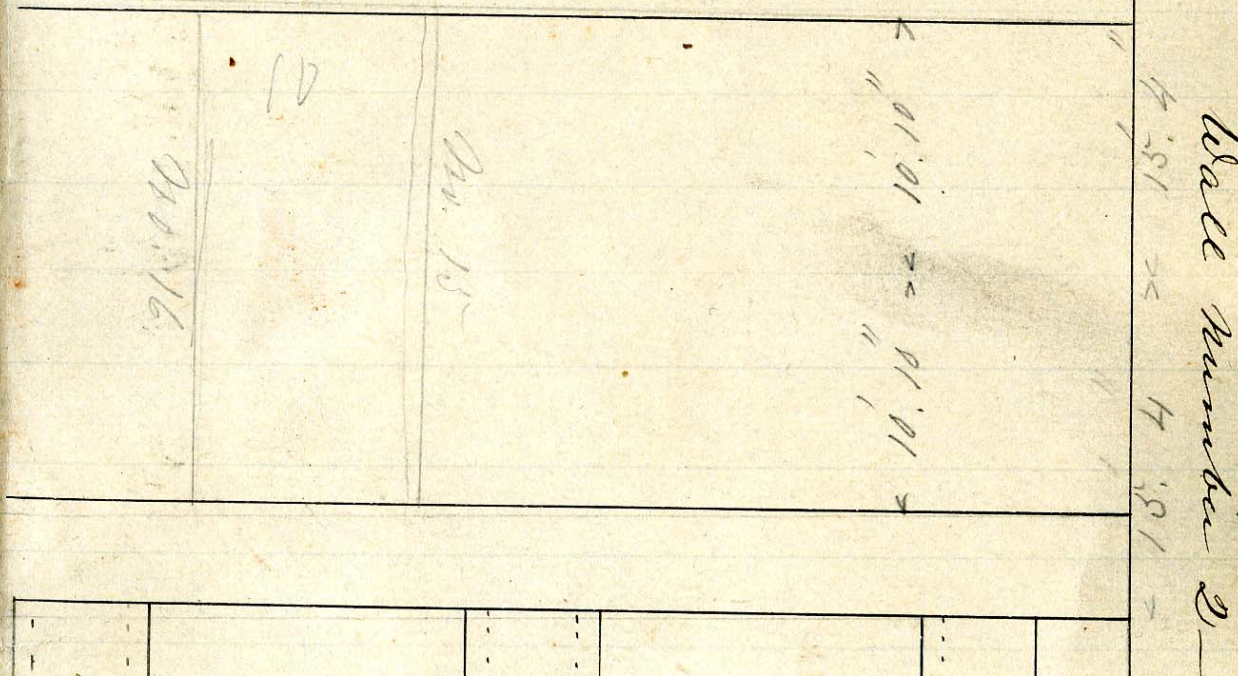
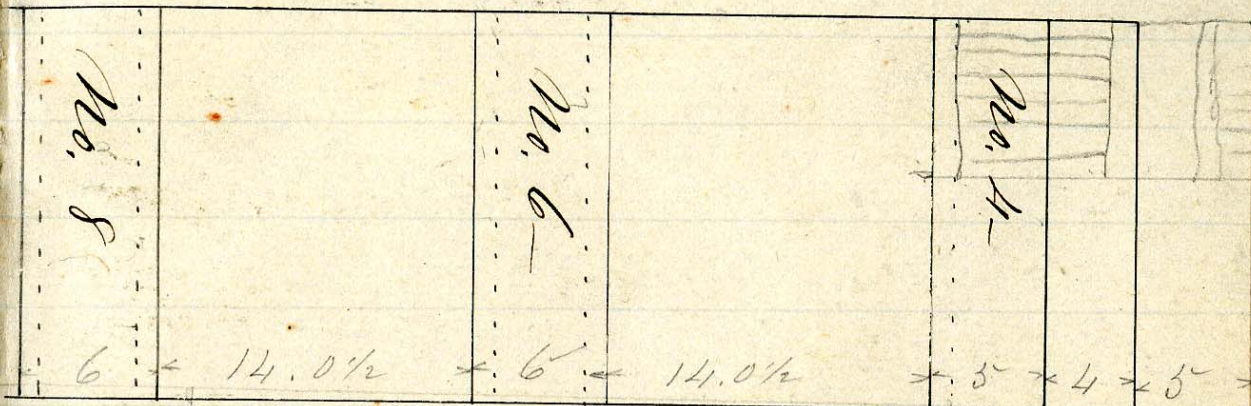
360

74

286 ft. from West end of mill to West
Side of West end wall of South
Wheel Pit

$$\begin{array}{r} 34 \\ 7 \\ \hline 41 \end{array}$$

$$\begin{array}{r} 76 \\ 7 \\ \hline 20 \end{array}$$



Wall No. 3—

$$\begin{array}{r} 10 \ 242 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11.67 \\ 6.50 \\ \hline 8.17 \\ 1.66 \\ \hline 6.51 \end{array}$$

$$\begin{array}{r} 11.71 \\ 5.29 \\ \hline 6.42 \end{array}$$

$$\begin{array}{r} 11.71 \\ 3.59 \\ \hline 15.27 \end{array}$$

$$\begin{array}{r} 11.21 \\ 16.50 \\ \hline 5.29 \end{array}$$

Upper Dam

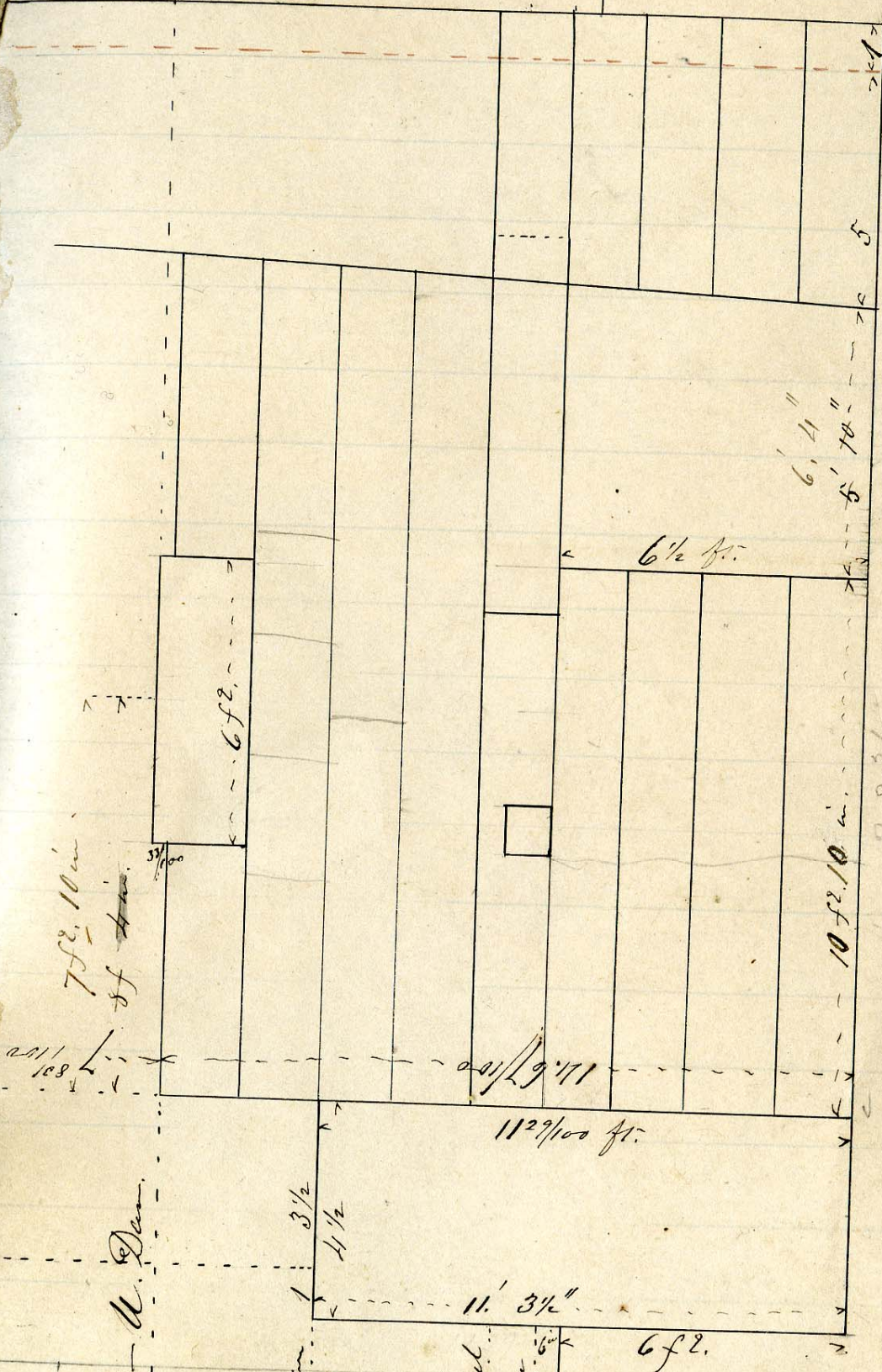
752. 83/100 - A. Dam.

112 1/100 - A. Dam.

Bottom of Wheel.
Bottom of Dam on
L. Dam.

752. 10 in.
8 ft. Dam.

16 1/2 ft.



Collected the position of wheels on 6 in towards
centre of mill from the above plan See
next page for plan adopted

From centre of mill to
centre of wheels $23\frac{1}{2}$ ft.

From Centre of wheel to
bottom of stands for main
shaft 7 ft. $10\frac{1}{2}$ in. = .342 + Dam
from J. Lombard

16.60
17.23
9.27
11.21
11.94

23.2
37.6
81.4 $\frac{1}{2}$
7.6
6 $\frac{1}{2}$

7 $\frac{1}{2}$

7 10 $\frac{1}{2}$
7.6
4 $\frac{1}{2}$

23.6
27.11

11.21
5.29
16.50

12
4.11
342

37-24
612

114 11.29
12

156 422
148
80

7.23
5.29
12.52

15-660
14900
7060

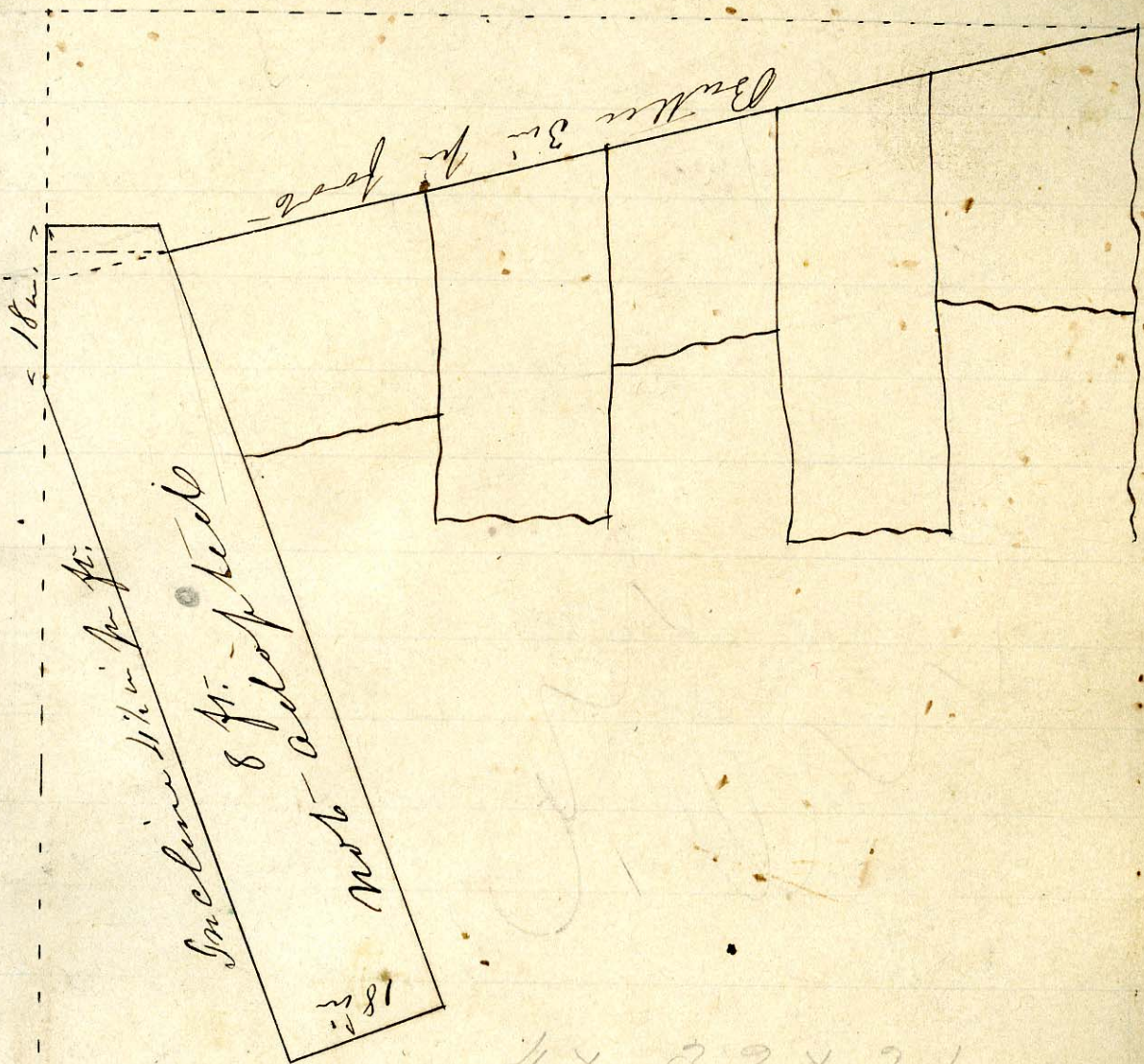
7.39
5.29
2.10

11.21
17.46

71
37

11.29

5.29 37.25
15-660
14900
7060



$$4 \times 3.2 \times 2.1$$

$$5.3 \times 2.3 \times 2.1$$

$$\begin{array}{r} 8.6 \\ 1.5 \\ \hline 8.6 \\ 3.6 \\ \hline 12 \end{array}$$

2 Arches under Roadway
23-ft. Span Arches 91 ft. long
Each exclusive of ring
Course Stone furnished
by H. B. Burnham

Ring courses furnished by

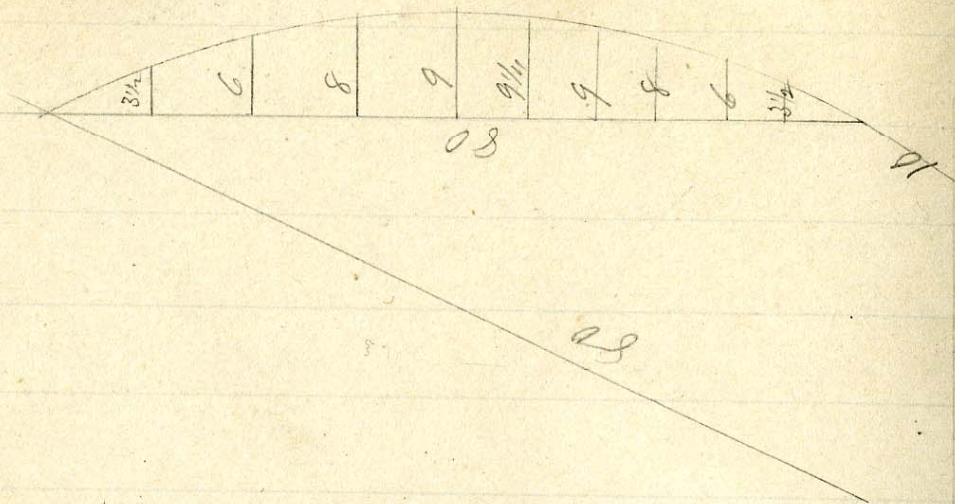
5 Back ^{ring} of Arches
in ^{over} fall wall Av-
3 ft ^{new} long Ea - arch 15 ft
Span ^{Back} by H. Burnham

South side arch of Mill
from ^{with} ^{new} ^{Back} of arch of wall east
21 ft ^{Span} 15 ft. span by H. B.

Top of the foundation of
 River Wall on South side
 Jordan's Creek to beginning 5 ft
 West of East. Corner of Carpen-
 ters Shop thence South
 5 ft. distances - I set a bench
 mark on N.E. corner of C Shop

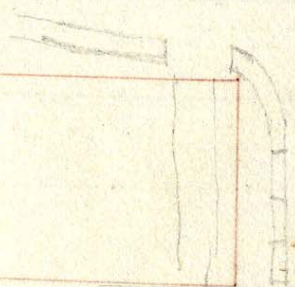
3.80 -	I Ins 8.22 + Bench	
3.57	7.61	
3.80	6.82	1.40 + 5.20
4.22	6.11	2.11 + 5.68
4.56	5.28	2.94 + 6.74
4.94	5.73	2.49 + 6.71
5.08	6.12	2.10 + 6.66
5.05	6.20	2.02 + 6.96
5.05	8.85 -	63 - 4.45
5.00	10.13	191 - 3.14
4.90	10.62	240 - 2.65
5.20	10.50	228 - 2.72
5.25	11.10	2.88 - 2.02
5.25	11.40	3.18 - 2.02
5.25	12.00	3.78 - 4.47
13 60 4 2 4.64 -	13 11.0.86	13 56.42 4.
5.2		5.2 34
44		44
78		39
all average 4 1/2 ft. thick		

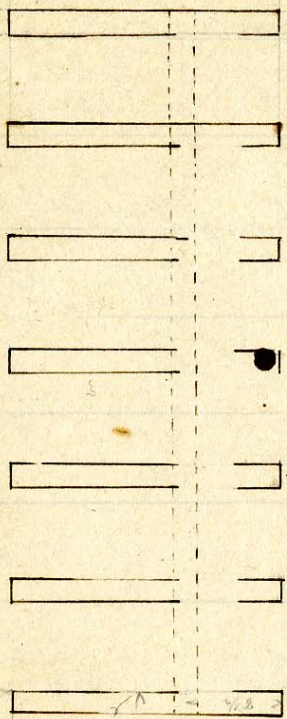
Add piece of Wall on West
 end $10 \text{ ft.} \times 4 \frac{1}{2} \times 8 = 360 = 14.40$
 $60 \times 4 \frac{1}{2} \times 4.34 = 1171.8$
 $1531.8 = 46.870$



							8'	22"	
1.6	3.6		5.5				8'	22"	
<i>Handwritten: 1.18</i>						10.5'	2		
		2.3				9'		26.42	
		1.5							
						8.3'	-2		
						8.6/10			2.2

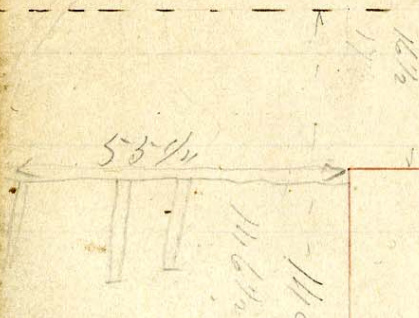
Pop Star
River Wall beginning
55 ft. East of Old Carpenters
Shop thence East 31 ft.
Portion of Wall on bottom
12 ft. high averages 6 ft. thick
thence to top of wall 9 1/4 ft.
high averages 3 ft. thick
to End of Circular portion
Old 5 ft. from East side of
Gates on face of Wall





$$\begin{array}{r} 132\frac{1}{2} \\ 162\frac{1}{2} \\ \hline 162\frac{1}{2} \\ 162\frac{1}{2} \end{array}$$

$$\begin{array}{r} 8500 \\ 132\frac{1}{2} \\ \hline 1116\frac{1}{2} \end{array}$$



Side of House
 2 ft. from end of shop

21 ft. E side to back
 from door wall

$2\frac{1}{2} \times 6\frac{1}{2}$

5.6 8.25-

6.43 6.73

7,23 5,47

6.95- 114 01

7. 35-181134.76

8.20 126

$$827 \overline{) 87}$$

9 27 7 ¹/₂

7. 1. 1893

7.00
7.00

6, 46
6, 21)

6,846
8,152

7. 29. 5

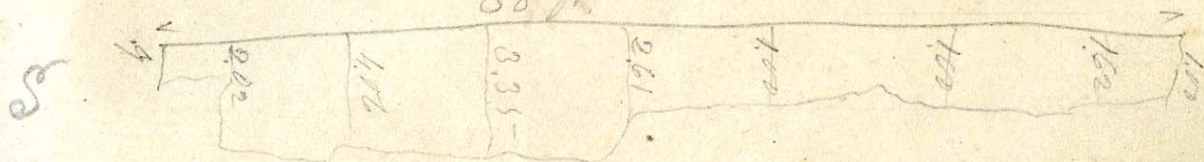
7.30

114.81

Sawyer Stm

Wall under west end of Bridge
north side in shop

38 1/2



Wall average

5 1st ft. used for
Sawyer's stone in
addition to the above
between Strangers

$$\begin{array}{r} 146\frac{1}{2} \\ 130 \\ \hline 16\frac{1}{2} \end{array}$$

148.2

$$\begin{array}{r} 1786 \\ \hline 195 \\ \hline 198 \\ \hline 1560 \\ \hline 585 \\ \hline 741 \end{array}$$

$$\begin{array}{r} 21- \\ \hline 148.2 \\ \hline 125 \\ \hline 282 \end{array}$$

$$\begin{array}{r} 741 \cdot 1 \frac{2}{3} \text{ gr.} \\ \hline 593 \text{ Bacl.} \\ \hline 164 \\ \hline 737 \end{array}$$

Nathan Chaudrick Con
By Stone for upper Dam as follows

any $8.2 \times 2.4 \times 1.7 =$

Length	Breadth	Thickness	Cubic Feet	Perches
8 2/10	2 1/10	1 7/10	33.43	
8.2	2.4	1.8	35.42	
7.6	1.6	1.6	19.45	
8.2	2.3	1.8	33.95	
7.5	3.4	2	51.00	
8.3	3.2	1.8	47.80	
6.3	3.	2.	37.80	
4.	3.5	2.	28.00	
9.7	2.8	2	54.32	
7.7	2.6	1.7	34.00	
5.4	2.5	2.00	27.00	
10.9	2.3	2.3	57.70	
9.4	2.9	2.4	63.40	
8.2	3.	2.5	61.50	
6.6	4	1.7	46.20	
10.	2.5	2.	50.00	
7	2.5	2.6	45.30	
			728.49	

Grand perches

9	2.7	2.3	728.49	✓
9.1	2.4	2.2	55.89	✓
6.5	2.3	4.1	48.05	✓
7.7	2.7	2	61.29	✓
7.2	1.7	2.7	41.58	✓
7.2	1.7	2.7	33.15	✓
9.3	2.8	2.1	52.08	✓
6.2	4	2.2	54.56	✓
3.3	2	1.7	11.22	✓
6	2	1.8	21.6	✓
7.5	3.1	2.5	36.25	✓
3.2	2	2.5	16.	✓
2.9	2.6	2	15.08	✓
11.	2	2.3	50.6	✓
7.	2.3	1.7	27.37	✓
6.	3.6	2	43.2	✓
8.8	3.7	2.3	74.89	✓
9	2	2.1	37.8	✓
12	2	1.25	30.	✓
4	2	1.25	10.	✓
			1469.00	✓

Grand total

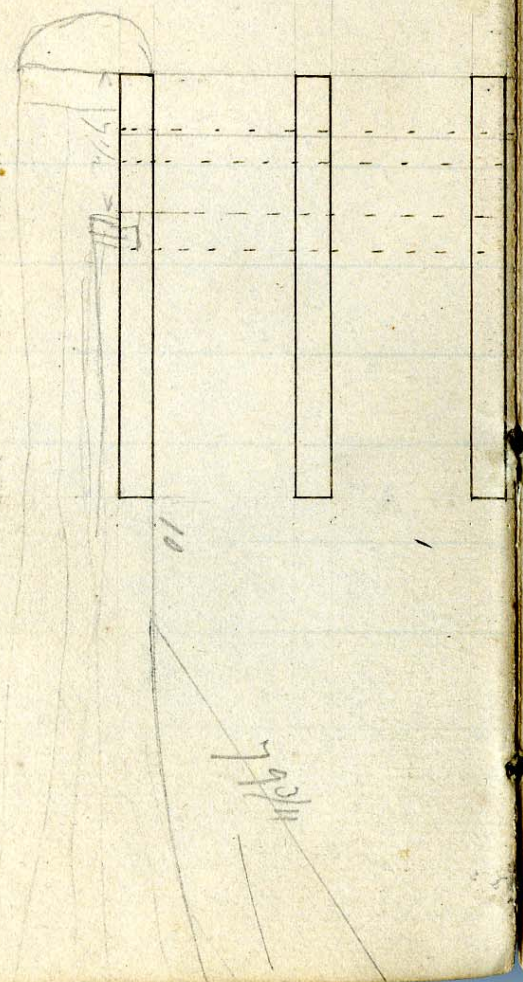
See
u

58.76

$$\begin{array}{r} 24 \\ 9 \\ \hline 33 \\ 42 \\ \hline 9 \end{array}$$

2'					
22'	8 ft.	Cut by Little Header 6 ft. long			Cut Little 4 ft.
2' - 2'	4'	8 ft.	End cut by Little		
22'	8 9/10				
2' + 2'	Bricks				
2'	7' 7/10		Bricks		

	8 ft.	
8 ft.	22'	
10.5		
9' 1/2	26'	26' x 2'
8.3	2'	
8.6 1/11	2'	2' x 2'

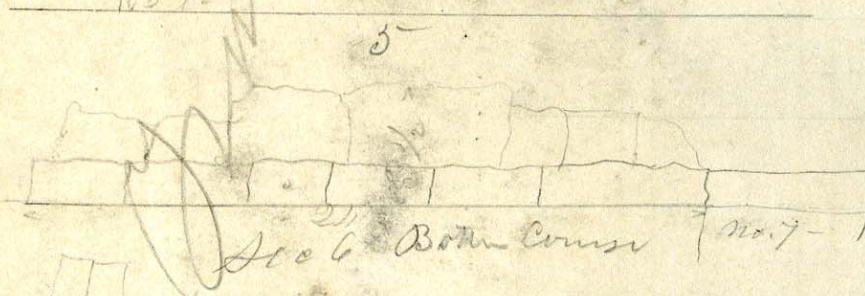
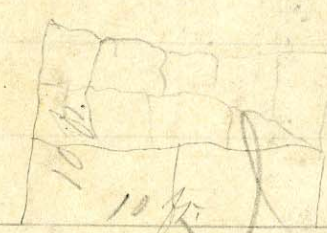
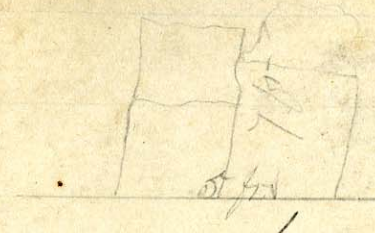


[Faint handwritten notes, possibly "Wm. B. ..."]

Handwritten mathematical work on lined paper. The numbers 1 through 9 are written vertically on the left. To the right, there are calculations involving fractions and numbers. A yellow dot is marked on the line between 7 and 8.

1
2
3
4
5
6
7
8
9

1/2
1/6
2/1
2/8
3/2
4/2
5/1
6/1
7/1
8/1
9/1

$$\begin{array}{r} 13.8 \\ 12.2 \\ \hline 16 \\ 22 \\ \hline \end{array}$$


Dec 0. Both Courses

1
 42 1/2
 37.5
 27.5
 23.3
 22.3
 21.0
 6.2

25.3
 8.0
 4.3
 9.7

28th



No. 8
 20, corner of Dec 8-34
 A 18th Street

10	51	73	9	105	142	161	186
12	13	13	13	13	13	13	13

25.3	68	94	118	144	164	213	241	264	283	313	375	495	54	53	73	9	105	142	161	186	328	34	413	413	416	4.6
3.1	2.8	2.9	2.8	7.2	4.5	2.3	5.7	2	2.8	2	6.5	4.3	2	7.2	3.2	2.2	2.6	22	3.8	102	2.4	11.4	11.4	11.4	11.4	11.4
5.1	9.9	9.9	4.5	5.8	8.0	9.7	11	10.6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

Dec 1-54
 Dec 2
 Dec 3
 Dec 4
 Dec 5
 Dec 6
 Dec 7
 Dec 8
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 Dec 10
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Dec 1
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 Dec 26
 Dec 27
 Dec 28
 Dec 29
 Dec 30
 Dec 31

Horace Burnham Cr.
By Stone in upper Dam

Length	Breadth	Thickness	Cubic Feet	Perch
6.8	2.2	2 ft	27.2	✓
7.7	2.2	2	33.88	✓
7.4	2.1	1.9	29.52	✓
6.2	2	2.3	28.52	✓
6.	2.5	2.2 End	—	By Top
7.9	2.3	1.5	27.25	✓
8.3	2.1	2	34.86	✓
9.1	2.3	2.1	40.95	✓
7.25	1.8	1.6	20.88	✓
6.5	2.66	2	34.58	✓
7.1	1.66	2.75	32.44	✓
7.1	2.	2.83	40.18	✓
7	1.6	1.5	16.8	✓
7.5	2.	2.3	34.5	✓
7.4	2.	2.	29.6	✓
7.3	2.25	1.83	30.05	✓
			464.28	

Length Mouth Thickness Cubic Feet Perch

				461 28	
7.2	1.66	2		23.9	✓
9.6	3.	2		57.6	✓
7.3	2.5	2		36.5	✓
7.8	2.3	2.1		37.67	✓
8.3	2.6	1.5		33.15	✓
5.4	2.8	2.		30.24	✓
6.2	3.8	1.10		25.92	✓
6.6	3.	2		39.6	✓
6.	4	2		48.0	✓
5.6	2.6	1.5		21.84	✓
				25.9	
8.	1.8	1.8		25.92	✓
8.3	2.2	2.8		47.47	✓
7.4	3.	1.5		33.30	✓

25) 923.88 36.95
 75
 173
 150
 238
 225
 135

Dimensions & Contents of Stone Work in upper Dam

Aug. 30, 1848

Sec No. 0.

3.7 x 8' x 4 1/2' 133.2 133.2

No. 1

Bottom Course av. 3' x 7' x 5.3' 111.3 111.3
Top " " 5.3 x 9.5 x 1.6 80.56 80.56

No. 2.

B. Course 9.5 x 10' x 2' 190 190.0
2d. " 9.5 x 12 x 2.3 262.2 262.20
3d. " 9.5 x 10 x 1.6 152 152.00

No. 3

B. Course 7.3 x 13' x 2.3 237.25 237.25
2d. " 7.3 x 13' x 2. 189.8 189.8
3d. " 7.3 x 13' x 2.3 218.27 218.27
4d. " 7.3 x 10 1/2 x 1 1/2 113 113.0

No. 4

B. Course 13.7 x 12' x 2.3 411. 411.0
2d. " 13.7 x 13' x 2.1 374.01 374.01
2474.59

Sec No. 4

3d. Course	$13.7' \times 13' \times 2.2'$	341 82	391.82
4"	$13.7' \times 12' \times 2.4'$	394 56	394.56
5"	$13.7' \times 10\frac{1}{2}' \times 1\frac{1}{2}'$	213 77	15.97

No. 5

Bottom Course	$6.8' \times 7' \times 2'$	95 2	95.2
2d	$6.8' \times 7' \times 2.1'$	99 96	99.96
3d	$6.8' \times 10' \times 2.3'$	156 110	36.40
4"	$6.8' \times 10' \times 2.4'$	163 2	163.20
5"	$6.8' \times 10\frac{1}{2}' \times 1\frac{1}{2}'$	107 1	107.1

No. 6

Bottom Course	$24.7' \times 3\frac{1}{2}' \times 1.9'$	164 25	134.25
2d	$24.7' \times 10' \times 2.1'$	518 7	318.70
3d	$24.7' \times 10\frac{1}{2}' \times 1\frac{1}{2}'$	389	389.0

No. 7

Bottom Course	$8.7' \times 1.6' \times 1\frac{1}{2}'$	20 88	
2d	$11.3' \times 6\frac{1}{2}' \times 2.1'$	154 24	34.20
3	$13.9' \times 6' \times 1\frac{1}{2}'$	125 1	25.1

No. 9

Bottom C

Whole Sec. ~~4~~ $4' \times 3.5' \times 3\frac{1}{2}'$ 539 53.9

$\frac{44}{52.8}$
 $\frac{11}{50}$

$\frac{10.5}{1.71}$
 $\frac{12.25}{12.25}$

$\frac{44}{1210}$
 $\frac{140}{1540}$

$\frac{1.620}{770}$
 $\frac{53.91}{53.91}$

3050 08

Sec. 8

Sec 8 Average 3 1/2 ft. thick

" Height 2.4" 3050.08

$$\begin{array}{r}
 31.5 \times 2.4 \times 3\frac{1}{2} \\
 \hline
 2,111 \\
 1260 \\
 630 \\
 \hline
 7560 \\
 9.1 \quad 9.3 \\
 \hline
 22680 \\
 3780 \\
 \hline
 26460
 \end{array}$$

$$\begin{array}{r}
 264.60 \\
 25 \overline{) 3314.68} \\
 \underline{25} \\
 81 \\
 \underline{75} \\
 64 \\
 \underline{50} \\
 146 \\
 \underline{125} \\
 218 \\
 \underline{200}
 \end{array}$$

58.76 Perch furnished by N. Chadwick

36.95 " " " N. Burnham

36.88 " " " L. Fops

132.59

$$\begin{array}{r}
 53.9 \\
 2514.68 \\
 \hline
 3260.78
 \end{array}$$

48'7"

6.2	8.7	6.8	18.7	21.9	29.6
<u>3.8</u>	<u>1.6</u>	<u>10 1/2</u>	<u>1.3</u>	<u>7.3</u>	<u>4.4</u>
196	522	680	411	94.9	118.4
<u>186</u>	<u>87</u>	<u>34</u>	<u>137</u>	<u>2.5</u>	<u>148</u>
2856	1092	71.4	178.1	174.5	1332
<u>1.1</u>	<u>696</u>	<u>31.7</u>	<u>2.2</u>	<u>1898</u>	
2356	2088	107.1	3562	237.25	21
<u>2356</u>			<u>3562</u>		<u>52</u>
25912		24.7	391.82	21.9	63

14.4	678	8 1/2	164.4	7.3	105
<u>1.7</u>	<u>565</u>	<u>741</u>	<u>2.4</u>	<u>94.9</u>	<u>111.3</u>
10.8	70.45	1235	6576	189.8	265
<u>1.4</u>	<u>2.1</u>	<u>8645</u>	<u>3288</u>		<u>477</u>
24.48	7345	1.4	394.56	21.9	50.35
	<u>14690</u>	<u>77805</u>	<u>13.7</u>	<u>7.3</u>	<u>1.6</u>
	<u>154245</u>	<u>8645</u>	<u>10 1/2</u>	<u>94.9</u>	<u>30210</u>
		<u>164255</u>	<u>1070</u>	<u>2.3</u>	<u>5035</u>
			<u>694</u>		<u>80560</u>

3.32	247	14385	2847	9.7
<u>7.2</u>	<u>2.1</u>	<u>7192</u>	<u>1898</u>	<u>114.0</u>
6.64	247	21577	218.27	28
<u>2324</u>	<u>494</u>	<u>6.8</u>	<u>7.30</u>	<u>342</u>
23907	5187	14	06	228
	2470	272		262.2
	<u>1231</u>	<u>952</u>	<u>76.6</u>	<u>95</u>

2.3	25955	14.7	1149	1.6
<u>46</u>	<u>12967</u>	<u>6.8</u>		<u>570</u>
4.83	389.02	1176	105	95
<u>1.8</u>	<u>882</u>		<u>525</u>	<u>1520</u>
3864	2.6	99.96	15.75	411
<u>3381</u>	<u>1.3</u>		<u>7.3</u>	<u>137</u>

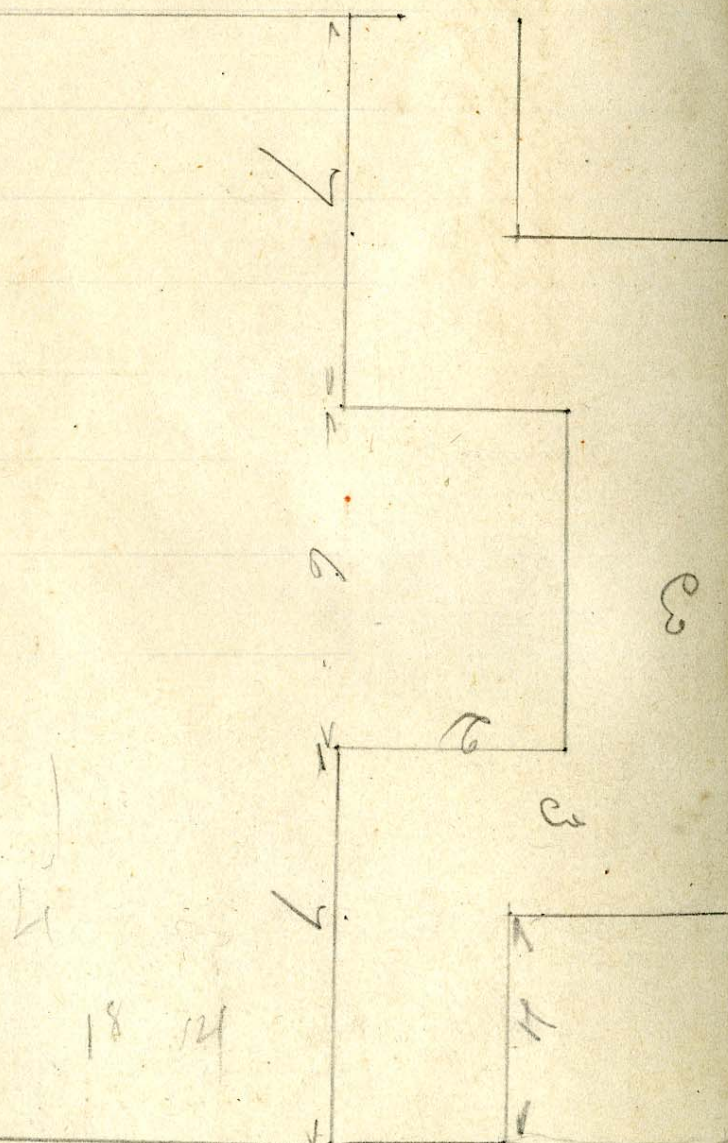
5.6	8.5	68.0	4725	178.1
<u>5.4</u>	<u>19.5</u>	<u>2.3</u>	<u>11235</u>	<u>2.1</u>
224	312	204	114.973	178.1
<u>281</u>	<u>33.15</u>	<u>136</u>		<u>3562</u>
3024		1564		374.01

2.66	1.8	272	8.3
<u>1.3</u>	<u>7 1/2</u>	<u>136</u>	<u>2.2</u>
798	12.6	1632	766
<u>266</u>	<u>45</u>	<u>22.2</u>	<u>166</u>
3458	13.05	1.11	18.26
	<u>1.6</u>	<u>33.3</u>	<u>2.6</u>
	7830		10955

24 1/2	1.8	272	8.3
	<u>7 1/2</u>	<u>136</u>	<u>2.2</u>
	12.6	1632	766
	<u>45</u>	<u>22.2</u>	<u>166</u>
	13.05	1.11	18.26
	<u>1.6</u>	<u>33.3</u>	<u>2.6</u>
	7830		10955

4
3. Me

5. 00

 $11\frac{1}{2}$ 

Sept. 11. 1848

Wall for Race from Looch
Mill beginning at the
East Side of Bridge. 5 ft. Dis.
South Wall North Wall

1	5.91	6.37	6.71
5.37	6.4	6.6	6.6
7.44	6.6	7.6	8.7
7.33	8.7	8.7	10.0
8.00	10.0	9.0	10.0
8.29	9.0	9.0	9.0
7.90	9.0	9.0	9.0
7.70	9.0	9.0	9.0
7.21	9.0	9.0	9.0
6.91	9.0	9.0	9.0
6.88	9.0	9.0	9.0
6.37	9.0	9.0	9.0
7.00	9.0	9.0	9.0
5.75	9.0	9.0	9.0
6.00	9.0	9.0	9.0
6.50	9.0	9.0	9.0
8.00	9.0	9.0	9.0
9.50	9.0	9.0	9.0
11.00	9.0	9.0	9.0
11.00	9.0	9.0	9.0
11.00	9.0	9.0	9.0

21) 171.06

8, 74

$$100 \times 8.14 \times 3\frac{1}{2} = 2849$$
$$125 \times 8,78 \times 3\frac{1}{2} = 3841,25$$

6690.25

Sees taken off fr
Arch $76' + 3\frac{1}{2}' + 2\frac{1}{2}'$
665' -

$$6625.75 - 665 = 5860.75 = 234.43$$
$$6690,25 - 665 = 6025,25 = 241,01$$

8 Perch extra including loose
Stone —————

Stone in wall North of B. Shop
and East of Gravel Gates

17.4
11 7
5-9

8.3

2

3

4

5

6

7

8

9

10

11

12

13

14

2.3

11

15

16

8.9

7

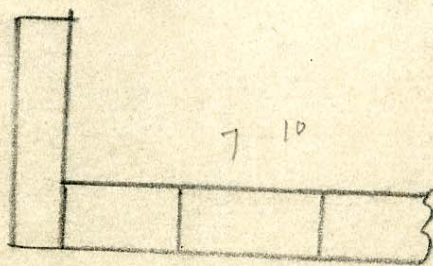
16.11

24"	5' 8"	8'	8' 5"
B	C	C	C
24"	9' 2 1/2"	H 7 1/2 1/2" Header C 4 1/2" long	5' 9"
F	B	B	19' 3 1/2" Header F 3' 8" long
24"	4' 2"	7' 6 1/2"	22' 4"
B	C	C	B
22"	8' 4"	Header 6' 1/2" long cut by 6' 10"	18' 8"
F	F	F	20' 9"
24"	4'	8'	End cut by Little
F	F	F	22' 4"
26"	8 9/10 F	7 1/2 F	21' 3"
F	F	F	F
2x2	Brick		
2			
2	7' 7 1/2" F		

Handwritten signature

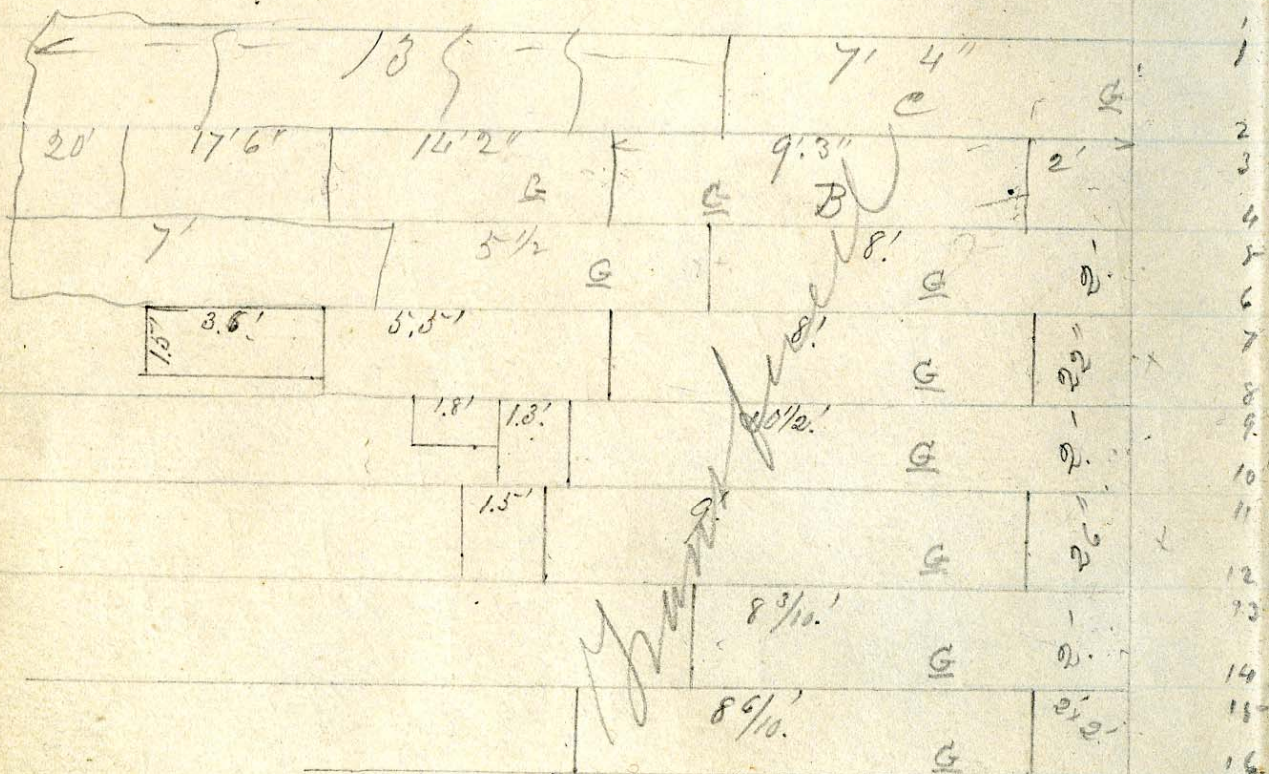
Span Head by well cut
 by rivet Chastwick's Stone
 5' 8" x 22" x 22" — 2' 2" x 20" x 22"
 Span Stone 6' x 20" x 2" by well

	31' 2"		37' 10"		44'	5' 1"	33' 4"
	B		B		F	F	F
25' 4"	27' 2"	35' 1"	37' 1"	43' 2"	45' 4"	53' 4"	
C	5' Long	B	5' Long	B	5' Long	B	
	30'		38' 10"		46' 5"	53' 4"	
	C		B		C	B	
24' 10"	26' 10"	34' 11"	36' 11"	40' 10"	42' 10"	51' 4"	53'
F	F	F	F	F	C	B	F
End cut by rivet	30' 10"		38' 4"		46' 3"	52' 4"	
	F		C		C	C	
25' 2"	33'		39' 10"	47' 9"		52' 6"	
F	C		B	C		B	



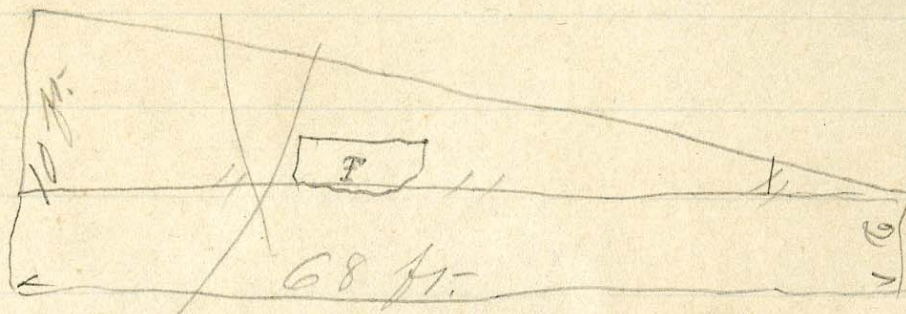
16.5
 4

Stone in Wall at West end of Upper
Dam Laid by Mr. Little

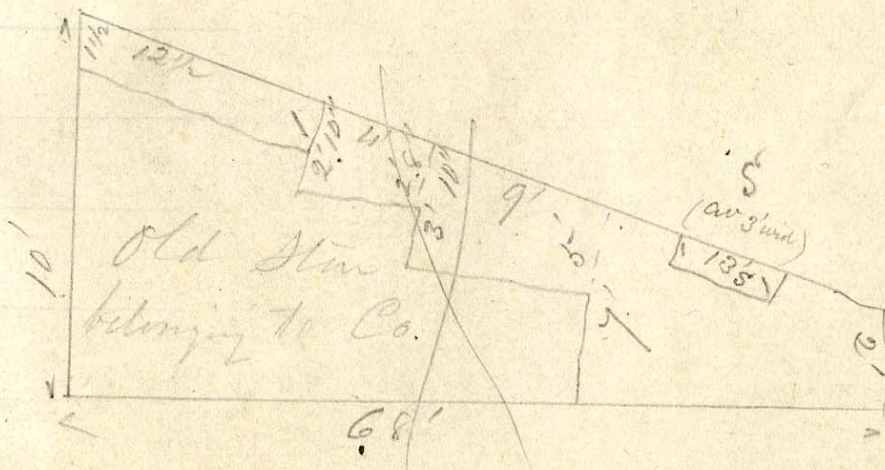
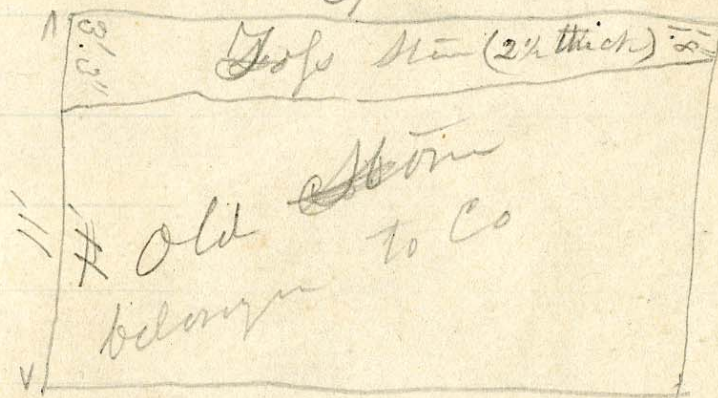


$\frac{108}{13}$ $\frac{126}{15}$
 $\frac{108}{13}$ $\frac{126}{15}$

Walls at N West Corner
of Machine Shop



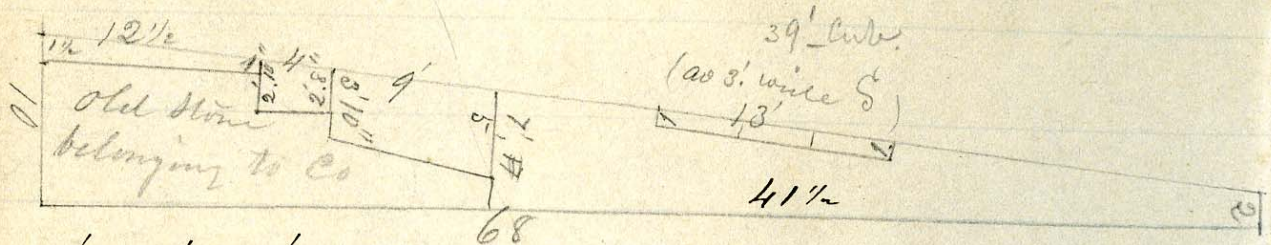
29



$\frac{11.3}{8.9}$

$\frac{137}{131}$

Wall at North west Corner of the Shop



$$12\frac{1}{2} \times 1\frac{1}{4} \times 2\frac{1}{2} = 39.06$$

$$4 \times 2\frac{1}{4} \times 2\frac{1}{2} = 27.50$$

$$9 \times 4.5 \times 2\frac{1}{2} = 101.25$$

$$41\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2} = 466.9$$

$$29 \times 2\frac{1}{2} \times 2\frac{1}{2} = 181.25$$

$$\text{Cut } 13 \times 1 \times 2\frac{1}{2} = 32.50$$

$$815.96$$

$$783.46$$

$$3.3$$

$$1.8$$

$$4.11$$

$$2.5 \times 29' \times 2\frac{1}{2} =$$

$$16 \times 10 \times 2 \times 2 = 640$$

$$2 \times 10 \times 2\frac{1}{2} \times 2 = 90$$

$$1 \times 10 \times 3\frac{1}{2} \times 2 = 66.66$$

$$3 \times 10 \times 1\frac{1}{2} \times 2 = 90$$

$$1 \times 10 \times 2\frac{1}{4} \times 2 = 55$$

$$2 \times 10 \times 3 \times 2 = 120$$

$$3 \times 10 \times 20 \times 2 = 1200$$

$$1 \times 10 \times 28 \times 2 = 46.66$$

$$1 \times 10 \times 26 \times 2 = 113.33$$

$$1 \times 10 \times 2\frac{1}{2} \times 2 = 50$$

$$1 \times 10 \times 19 \times 2 = 31.66$$

$$32$$

$$1333.31 = 53\frac{1}{3} P.$$

H. Burnham

$$39.0$$

$$1496.6$$

$$140.2$$

$$411.0$$

Perch

$$25 \overline{) 1724.8} \underline{150} 224$$

$$202$$

$$244$$

Sawyer's

Stone

Covering of breast plates

[illegible]

[illegible]

No. 1

Wey to B Shop

13-8'

 $4 - 4'$ This image shows a single sheet of aged, cream-colored paper with horizontal ruling lines. There are two vertical margin lines on each side, creating three columns. The paper has some minor stains and discoloration, particularly along the edges. A faint, dark smudge or mark is visible near the center of the page.

2

13-8

4-4

[illegible]

3

13-8

4, 4

The image shows a page from a manuscript with five-line staves. The notation consists of vertical strokes (neumes) placed on the lines. There are four staves visible, each containing several neumes. A large, stylized initial or symbol is written across the top two staves.

4

East

10-8 F

4, 4, 11

5

	B			
B		B		B
				B
				c

East
10-8 F
1, 4 "

6

	B			B
B		B		B
				c
				B

East
9-8 F
1-4 "

7

			B	
		c		
			c	
B				c
c				

East
8-8 F
3, 4 "

$$6 \times 8 \times 2 \times 2 = 192$$

$$7 \times 4 \times 2 \times 2 = 112 = 304 = 12, 16 P., H. B.$$

Height of Circular Wall
 from East end of North Pier 5 ft.
 Dis on face of wall to

8' 5"

8.5"

8.6"

9-

9.5"

8.6"

8 10"

8.10"

11.

10.9"

10.9"

13.2"

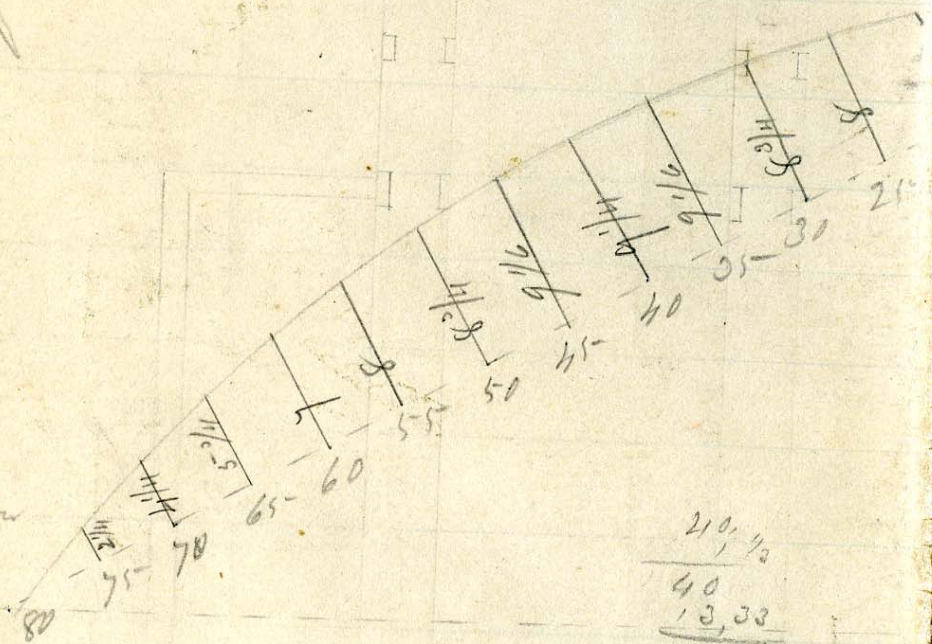
11.6

15.

15 End of line

Bottom of
 circular wall of
 Co's Store

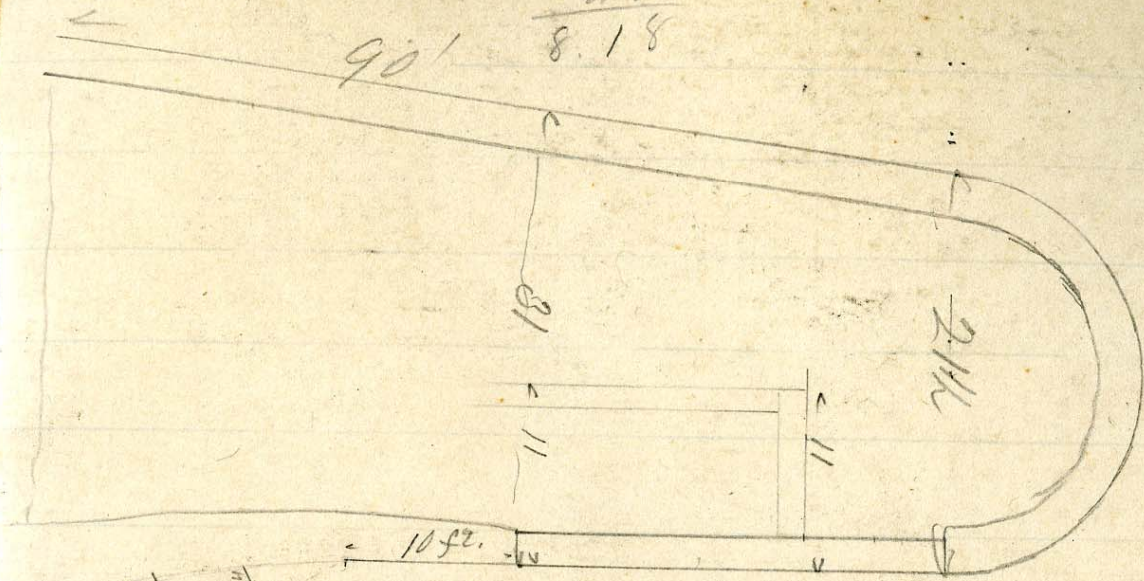
Wall 4 ft. thick



210, 1/2
 40
 13, 33
 53, 33

$$20 \times 2' \times 16'' = 53.33$$

$$\begin{array}{r} 338 \\ 540 \\ \hline 818 \end{array}$$
 1.82



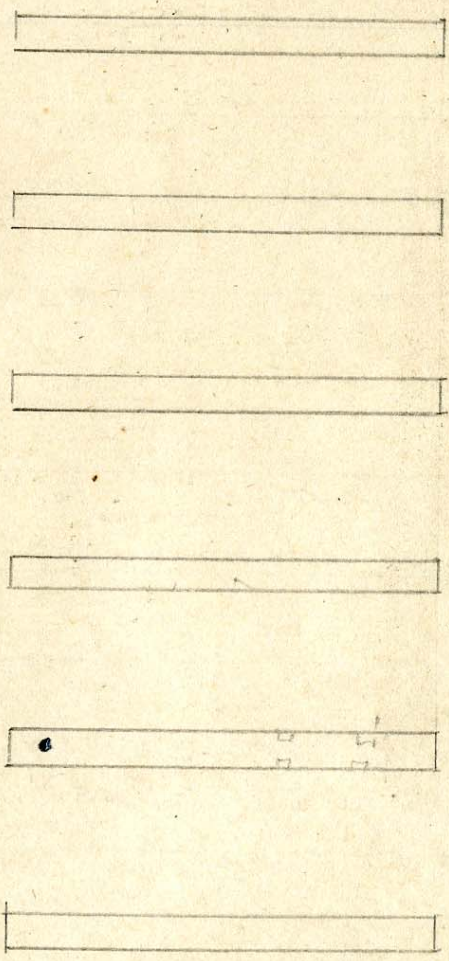
$$\begin{array}{r} 11/10 \\ 11/11 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 11/10 \\ 11/11 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 11/10 \\ 11/11 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 25 \\ 100 \\ 100 \\ \hline 128 \end{array}$$

$$\begin{array}{r} 48 \\ 12 \\ \hline 60 \end{array}$$



$$\begin{array}{r} 40 \\ 40 \\ \hline 80 \end{array}$$

90/10

6.8	7.7	7.11	12.4	7.9	8.3
<u>4</u>	<u>2.2</u>	<u>2.1</u>	<u>2.3</u>	<u>2.3</u>	<u>2.4</u>
27.2	15.4	7.11	87.2	237	83
	<u>16.94</u>	<u>1.8</u>	<u>248</u>	<u>118</u>	<u>166</u>
	2	15.54	285.2	1817	1743
	33.88	19		708	
	<u>13986</u>				
	<u>1554</u>				
	20.526			27257486	



11.40 Shank of Bridge

8.81

7.73

7.27

4.391

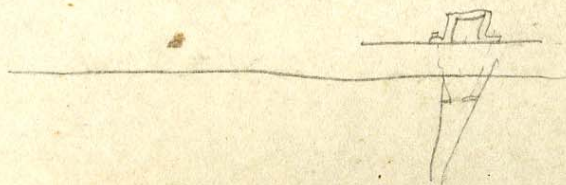
2.29

0.99

21 West end of Ship

Top of Overfall Wall
2.9 below Upper Dam

Top of Overfall wall before
Ashlar Courses were put on
2.72 ft. below Upper Dam and
888
3.608. below Stem Dam.



Woods Stone

River Wall on Grock Island
beginning at the division line
between the Co. & Wadlin then
East 5 ft. distances to Grock
Mill

8.36	8.14	8.27	10.30
8.54	8.16	8.91	10.22
8.54	8.64	9.00	9.62
8.44	8.13	8.80	9.77
9.11	7.85	9.00	9.45
8.78	8.15	8.40	10.41
8.70	8.10	8.55	10.47
8.90	151. 7.82	8.12	9.80
9.09	7.05	8.33	9.47
8.85	7.63	9.26	8.93
7.92	7.75	8.75	9.00
7.63	6.84	8.97	9.40
7.67	7.11	9.28	8.50 4 ft
8.14	7.71	125- 9.49	
7.63	8.93	9.05	
8.28	8.02	9.56	
7.93	7.98	9.66 up	
7.87	7.73 to E. End. of B. Shop		
8.50	7.70-25 ft		
7.73	7.70		
7.94	7.35		
8.06	7.55		
8.21	8.00		
	8.22		
	8.35		

200 ft. from West End easterly
average 2 1/2 ft. thick - remainder
average 3 1/4 in. thick

1186
410
1541-3

Average of Bottom of foundation
of Chimney for B. Shop 12.40 ft.
below Bench on S W Corner
of Shop
Foundation x x

Brick line of Chimney 9 ft.
west of B. line of Shop
Chimney 10 ft. North & South

Foss Stone

Height of Bank wall
East of Mill No. 1. from
Corner of wall North 5-ft
dis 205 2

10' 15.2"

10 2" 14.10

9.9 14.10

10.5 15.2

11.10 20 265.2

13. 13.3

13.4

13.6

13.6

13.6

13.10

14.

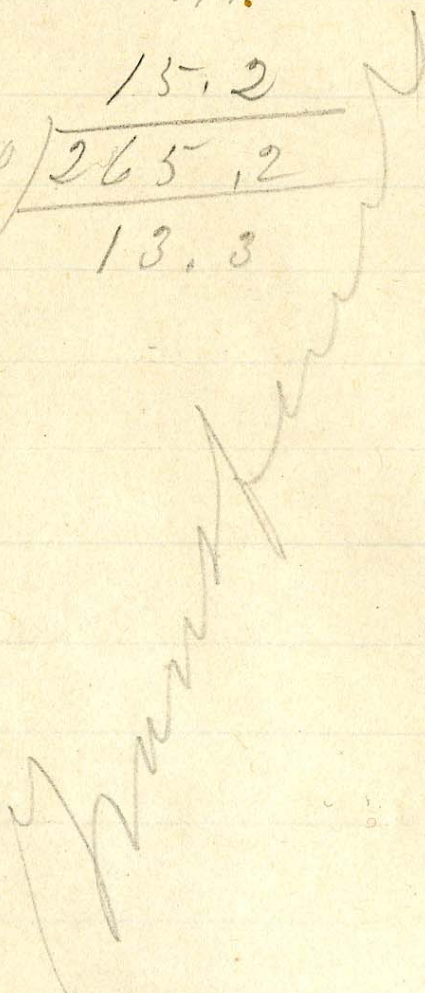
14.4

14.6

14.9

14.9

205 2



Foss Stone

Height of Bank Run
East of Mill No. 1 for
Corner East 5 ft. Dis

10'

10' 2"

10' 2"

Went

H. Brumby Cr. By

$$6.8 \times 2 \times 2 = 27.2$$

$$7.7 \times 2.2 \times 2 = 33.88$$

Aug. 16

$$\begin{array}{r} 308 \\ 308 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \overline{) 2^{11/25} \text{ Par. ch}} \\ 10 \\ \hline 11 \end{array}$$

$$7.4 \times 2.1 \times 1.9 = 29.526$$

$$6.2 \times 2 \times 2.3 = 28.52$$

$$\begin{array}{r} 1.6 \\ 372 \\ 248 \\ \hline 28.52 \end{array}$$

$$58.016 = 2^{8/25} P$$

$$\begin{array}{r} 7.21 \\ 21 \\ \hline 7.41 \\ 11.8 \\ \hline 15.54 \\ + 1.9 \\ \hline \end{array}$$

$$\begin{array}{r} 139.86 \\ 15.54 \\ \hline 29.526 \end{array}$$

7.10

$$\begin{array}{r} 6 \times 2.2 \times 2.2 \\ 15 \\ \hline 110 \\ 22 \\ \hline 33.0 \end{array}$$

$$\begin{array}{r} 4 \\ 9 \\ \hline 49 \\ 33 \\ \hline 8 \end{array}$$

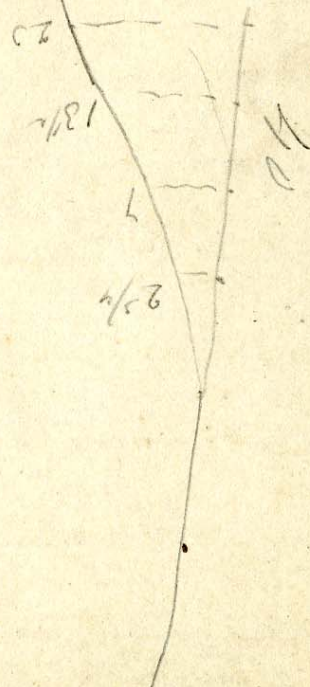
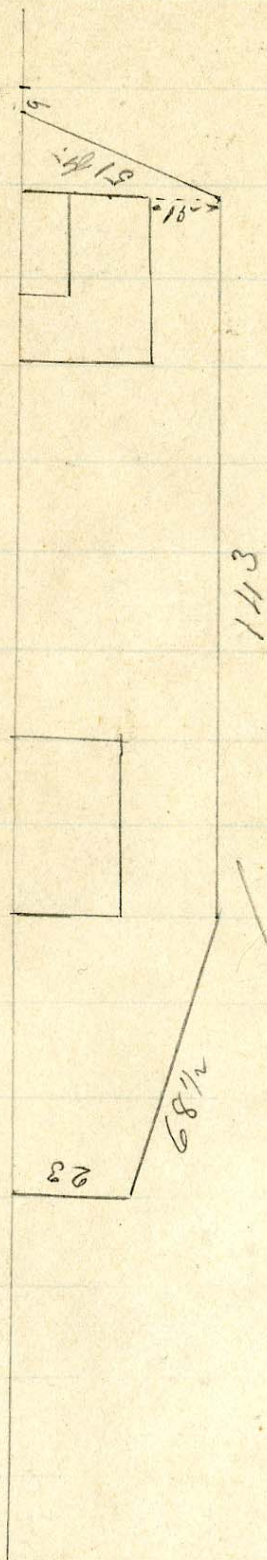
$$\{ 7.9 \times 2.3 \times 1\frac{1}{2} =$$

$$\{ 8.3 \times 2.1 \times 2 =$$

$$\{ 9.1 \times 2.3 \times 2.1 =$$

$$\{ 7.25 \times 1.8 \times 1.6 =$$

$$\{ 6\frac{1}{2} \times 2.66 \times 2 =$$



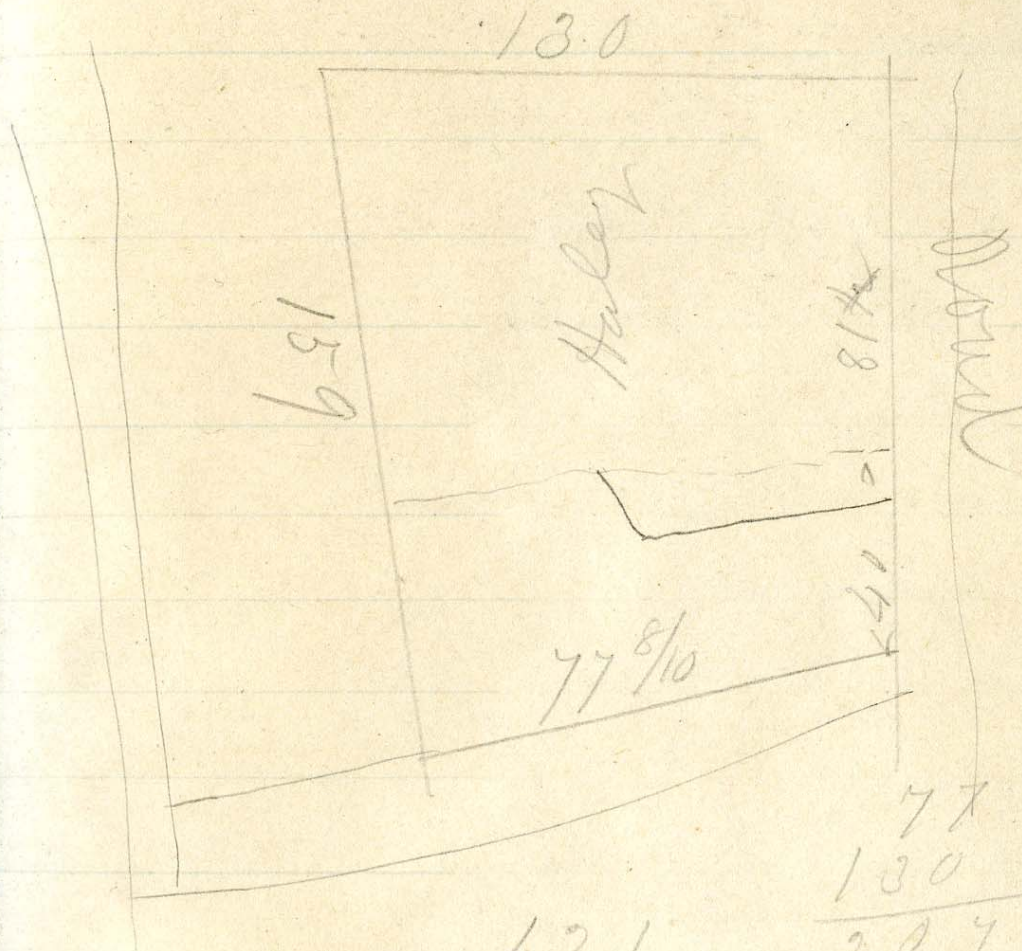
9.96

Transferred the highest
part of the Old Dam near
the Guard Cuttings of B Shop,
to the South East Corner
of the Blacksmith Shop,
and made a bench $7\frac{6}{100}$ ft.
above the top of underpin-
ning —

Biddisford July 22, 1848

Geo Quincy

$$\begin{array}{r}
 130 \\
 25- \\
 \hline
 650 \\
 260 \\
 \hline
 3250
 \end{array}
 \qquad
 \begin{array}{r}
 14546 \\
 390 \\
 \hline
 14156 \\
 3250 \\
 \hline
 10906
 \end{array}$$



$$\begin{array}{r}
 121 \\
 159 \\
 \hline
 280 \\
 140 \\
 103.9 \\
 \hline
 41560 \\
 1039 \\
 \hline
 14546.0
 \end{array}
 \qquad
 \begin{array}{r}
 77.8 \\
 130 \\
 \hline
 207.8 \\
 103.9 \\
 \hline
 103.9
 \end{array}$$

Wm. N. Titus }
 print shop.
 Waterville Col }

9 65
 4 50
 14.15
 62
 13.53
 11 58
 1.95

Ref. York 20. Rand under Flynn
 Titus in No. 1

8.75
 4.075
 13.125
 18
 2.875

Chadwick

~~3 1/4 x 7 x 2.40~~
~~7 x 1/2 x 2~~
~~100 x 2 x 7 1/4~~

10.5-9

9.2
2.2

48

184
184
20.24
3

11) 80.72 / 3
166
2

2.75-
1.66
165-0
165-0
275-
13-650
71
4565-
3195-5
3245-15

5

8.8
3.7
616
264
325-2
2.3
9768
6512

190
190
3.86
193
5.79
193
7.72
193
9.65-
193

14.2
2.83
426
1136
284
410.186

74888
11.58
193
13.5-1
49
14.00

75-
75-
875-
523-
5625-
6.6
1.7
462
66
11.22

5.2
2.9
468
104
15.08

15-
2.3
45-
30-
345-

11.2
5.6
16.8

0.48

18
2.1
1.8
36
078

14.6
1.82
16.42
1.83
4926
13136
1642
30.0486

22
2.3
66
44
5.06

9.65-
4.5-
11.15
10.5-
8.5-
4.87
9.28
390

10.25-
193
8.32
3.60
10.55-
3.56
6.69
3.5-2
10.63
5.79

4.84
193
12.22
772
4.5-0
1.1-0
12.65-
9.65-
3.00
0.62

13.53
11.54
1.95

16.1
1.7
1127
161
2737

80
90

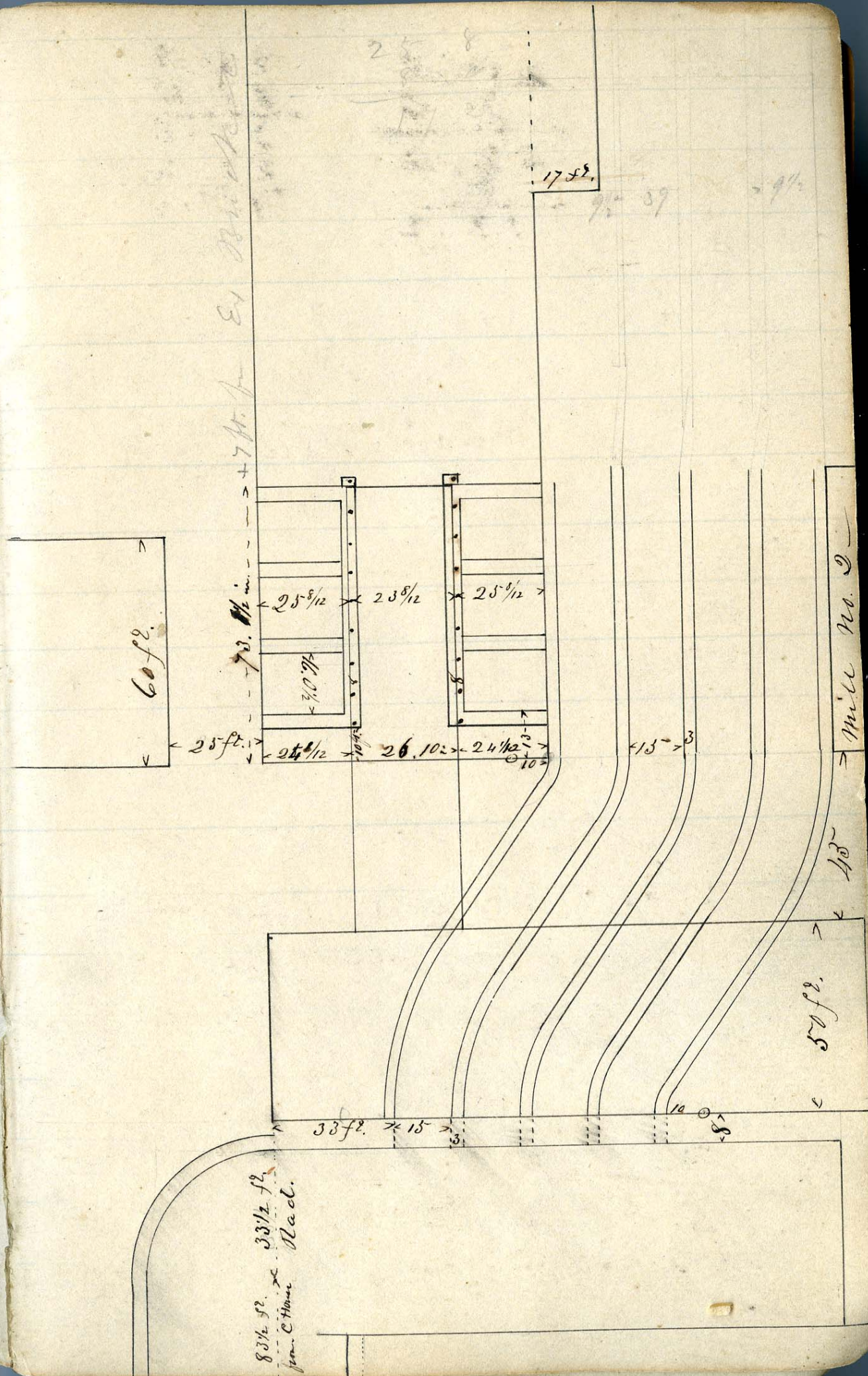
$$\begin{array}{r} 25.8 \\ 36 \\ \hline 22.2 \\ 5 \\ \hline 17.2 \end{array}$$
$$\begin{array}{r} 25.8 \\ 1110 \\ \hline 37.6 \\ 222 \\ \hline 15.4 \end{array}$$

9
 4
 16 $\frac{1}{2}$
 4
 16 $\frac{1}{2}$
 4
 16 $\frac{1}{2}$
 4
 16 $\frac{1}{2}$
 4
 93. ~~12~~
 4
 89. 2

$$\begin{array}{r} 13 \\ 14 \\ 6 \\ 2 \\ \hline 35 \end{array}$$
$$\begin{array}{r} 222 \\ \hline 111 \\ 13 \\ \hline 18 \\ 89 \quad 2 \\ \hline 8, 2 \end{array}$$

10

Bottom of first Run
Average well 13.04 - Du
Then $6 \times 15\frac{1}{2} + 10$ to 8 ft. - Du
Bottom of second Run
13.30 - Same Dec $6 \times 13\frac{1}{2}$ ft. to
8 ft. - Du
14.1. Return 2.9



White 58
Yellow 62

$$\begin{array}{r} 105 \\ 24 \\ \hline 81 \\ 27 \\ \hline 10 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 11.9 \\ 4 \\ \hline 47.6 \\ 190.4 \end{array}$$

$$\begin{array}{r} 4 \overline{) 5712} \\ 1128 \end{array}$$

$$\begin{array}{r} 5868 \\ 10116 \\ 1115 \\ \hline 2,552 \end{array}$$

$$\begin{array}{r} 616 \\ 792 \\ 863 \\ \hline 11,81 \end{array}$$

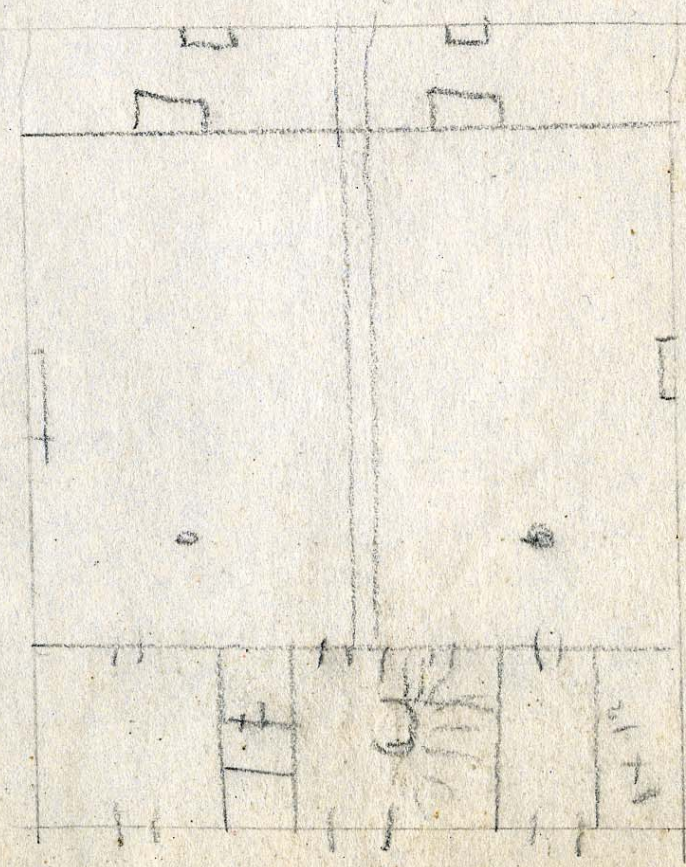
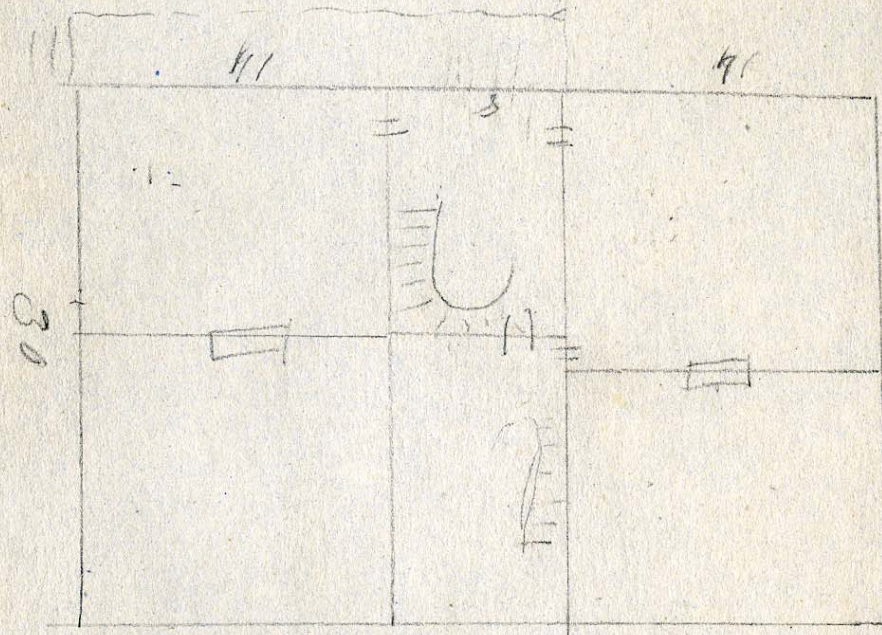
$$\begin{array}{r} 928 \\ 11,60 \end{array}$$

12.01

908

1079

4



98
 198
 26
 222

36
 180
 1,69
 1.9
 3
 4.9
 100
 125.3

11 10
 6.91
 4.22
 15-50
 11.28

11.06

6.21
 50
 3.71
 1.72
 16.50
 18.22

3%
 222
 8
 214
 2

1.9
 8.6
 14.11
 3%
 44.9
 7.5
 52.2
 4
 222
 40
 182
 2

1.4
 52.2
 4
 222
 216
 27
 0.61
 51
 59

Current to have \$1.30 in the
 another check
 The pay for services done in
 the Co. 1890



$$\begin{array}{r} 1.72 \\ 4.113 \\ \hline 29 \end{array}$$

$$\begin{array}{r} 45 \\ 75 \\ 105 \\ 2.71 \\ \hline 225 \\ 15 \\ 90 \\ \hline 330 \end{array}$$

$$\begin{array}{r} 4.115 \\ 18.22 \\ \hline 13.77 \end{array}$$

$$\begin{array}{r} 45 \\ 75 \\ 2.10 \\ \hline 330 \\ 75 \\ \hline 405 \\ 45 \\ \hline 450 \end{array}$$



$$\begin{array}{r} 1130 \\ 415 \\ \hline 1545 \end{array}$$

$$\begin{array}{r} 13 \overline{) 110868} \\ \underline{104} \\ 68 \\ \underline{65} \\ 36 \end{array}$$

$$\begin{array}{r} 45 \\ 20 \\ 10.11 \\ \hline 105.4 \\ 16 \\ \hline 103.10 \\ 75 \\ \hline 28.10 \end{array}$$

$$\begin{array}{r} 8.53 \\ 822 \\ \hline .37 \\ 464 \\ \hline 4.03 \\ 26040 \end{array}$$

1/2 mile mill
 to face of south
 corner of race
 by Cotton House

$$\begin{array}{r} 28.10 \\ 28.10 \\ \hline 104160 \\ 13020 \\ \hline 117180 \end{array}$$

$$\begin{array}{r} 1171.8 / 46.87 \\ 100 \\ \hline 171 \\ 150 \\ \hline 278 \\ 200 \end{array}$$

$$\begin{array}{r} 240 \\ 30 \\ \hline 270 \\ 4.04 \\ \hline 10.80 \\ 810 \end{array}$$

1.8 B. 1/4 3 in
 20800 1812 1/2
 1812 1/2

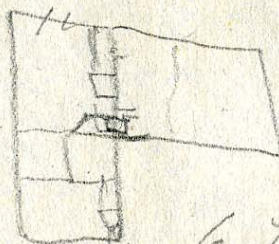
$$\begin{array}{r}
 5 \cdot 21 \\
 9 \cdot 51 \\
 \hline
 4, 33 \text{ length of } \dots
 \end{array}$$

Henry Wallace
John Hadley } 11.6

$$\begin{array}{r}
 4.11 \\
 2.5 \\
 1.6 \\
 \hline
 8.10
 \end{array}$$

14

$$\begin{array}{r}
 5 \cdot 4 \\
 2 \cdot 10 \\
 1 \cdot 5 \\
 \hline
 \end{array}$$



$$\begin{array}{r}
 0.80 \\
 3.50 \\
 \hline
 4.30
 \end{array}$$

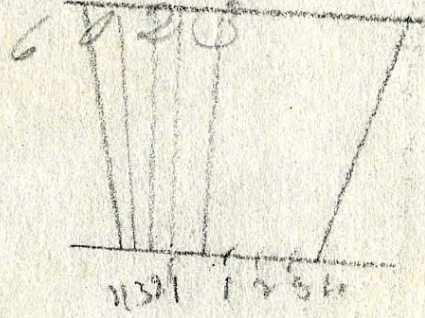
$$\begin{array}{r}
 6.10 \\
 3.5 \\
 1.8 \\
 \hline
 12
 \end{array}$$

$$\begin{array}{r}
 1728 \\
 14 \\
 \hline
 6912
 \end{array}$$

$$\begin{array}{r}
 6.7 \\
 1.10 \\
 \hline
 6.710
 \end{array}$$

$$\begin{array}{r}
 653 \cdot 26 \\
 1.94 \\
 \hline
 1.32
 \end{array}$$

$$\begin{array}{r}
 1728 \\
 24192 \\
 \hline
 123 \\
 10 \\
 \hline
 131
 \end{array}$$



$$\begin{array}{r}
 7.9 \\
 1.9 \\
 \hline
 7.9 \\
 3.10 \\
 1.11 \\
 \hline
 10.6
 \end{array}$$

$$\begin{array}{r}
 9.10 \\
 1.10 \\
 \hline
 9.10 \\
 8.2 \\
 \hline
 1
 \end{array}$$

$$\begin{array}{r}
 8725 \\
 242 \\
 \hline
 8867 \\
 8867 \\
 \hline
 17734
 \end{array}$$

16 2 67 00 J
 11.86 4.28 27.59 13.29
 8.25 1.82 4.19 5.99
 7.14 4.19 2.45
 27.39 13.29 34.23 19.28
 13.29 14.95 19.28
 14.30 2.2 6.50 18.5
 13.50 1.5 8.45 7.41
 10.80 9.3 2 6.56
 25 1.2 90 7.91
 88 75 81
 7.43 14.0 2 14.30 1.68 6.02 81
 11.30 1 10 12.08 7.06
 1 6 26.38 18.49 .50
 2 5.4 16.5
 15.5-5 48- 9.88 11.99
 1 3 2 16.7
 14.23 74 14.10
 11.30 69 4.10 4 1/2
 63 4.10 4 1/2
 17.5 11.9 8 21.8 4 L 35
 775 12.10 1/2 0.5 2 70
 88 7.86 7 17
 16.5 87
 15.2 2.2 743 166
 5.5-0 5.2 2
 12.93 5.2 2
 8.7
 14.4 1.2



$\frac{45}{10}$
 $\frac{28}{10}$

7.58
 75
6.83
 6 00
12.83

17

9.00
 746
16.51
 219
14.32

0.57
 1.62
 19
 28
1.61
 34 1/2

Bottom of Phoenix

5 1/2 ft. above Lower Dun

666
1.16 37.6
 26.8
10.10

89.2
 98
8.10 5 3-0

1.6
8.50
 9 45
9.5

1130
 415-

1545-

28
 1.61 1/2
4 4 1/2
 1/2

14.20
 51.22
37.02

59.99
 14.90
45.09

1.09
 11

1.61 1/2
 28
4.4 1/2

20.00
 44.81
4.81

8.5+ 11.8
 3.8
2.2
 2.2

